

Historic, archived document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.57

LIBRARY
FEB 7 1933



1933

Lottys

MADISON
NEW JERSEY

Greetings!

WITH this, this thirtieth annual edition of our catalogue, we extend our best thanks to our customers for their loyalty in standing by us during the troublous year just passed.

We have endeavored to meet changing conditions, as best we could trying to be fair to our employees and customers alike. Many of our customers owing to curtailed income, have had to limit their purchases and naturally wish to buy as cheaply as possible.

Handling, as we do, a specialized product, cheap "mass-production" is not possible, but our prices will be found as low, as is consistent with "Totty" quality, and we will not cheapen this under any conditions.

While the past summer was intensely hot, and there was very poor growing weather for many things, the fall season proved ideal for Hardy Chrysanthemums, which is one of our chief specialties.

Thousands of our customers called to make notes from the plants flowering in the field, and selecting varieties, that interested them.

IN CHRYSANTHEMUMS to an ever increasing list of outdoor Chrysanthemums we have included among others, "Autumn Gold," which is a golden yellow of great promise and "Lady Brunton," a beautiful golden bronze, as well as other varieties. "Red Rover," a huge Single, which many of our customers will recall in New York and other exhibitions, is the finest Single we have ever distributed. Our Chrysanthemums received the highest awards at all the exhibits this fall.

In addition to these, we have a very fine selection of **ANEMONE CHRYSANTHEMUMS** called "The Tuxedo Collection," sent us by the same raiser, who gave us the phenomenal set carried some years ago.

NEW ROSES include "Sterling," a E. G. Hill variety of glistening pink, which has already won one Gold and three Silver Medals. "Mrs. L. B. Coddington" a watermelon pink, that is also winning commendations for its originator. "Mary Hart" the crimson sport of the ever popular "Talisman," and which will undoubtedly enjoy a large sale.

IN PERENNIAL PLANTS, we call particular attention to the new Viola "Jersey King," which is an improved "Jersey Gem."

The collection of new **HARDY CARNATIONS** we offer will revolutionize the growing of these plants outdoors. In Hardy Perennials, we also include the new improved "Buddleia" and "Delphiniums," and also the new Climbing Red Honeysuckle."

We have never had so many sterling novelties, as we have this year in both hardy and greenhouse plants.

The Women's Garden Clubs with ever increasing enthusiasm are educating the public to the use of worth while flowers and plants and we take no small pride, in the fact, that we have, from its infancy done everything possible to foster and help this movement.

Circumstances compelled us to close our New York store at 4 East 53rd Street, on July 15th, transferring the business to our Madison, New Jersey office, but we are always glad to see any of our customers and friends when they are in this vicinity.

Totty's

Charles H. Totty, President.



Birmingham

Introductions of 1933

BIRMINGHAM

A shapely crimson, very strong healthy, dwarf grower; a present day type replica of the old "Pockett's Crimson." We consider this the best English variety received in many years. Bud August 25th. Height, 3 to 4 feet.

EDITH CAVELL

It has been stated, that "Edith Cavell" is synonymous with "Wm. H. Waite," but when it matured this year, it revealed itself, as being much more distinct, much deeper in color and does not have the golden background on the petals, that is a distinguishing feature of the "Wm. H. Waite." If you like "Waite," here is a companion variety, well worth while. Crown bud August 25th. Height, 3 feet.

SOUTHAMPTON

Canary-yellow flowers of immense proportion. The florets on this variety are particularly strong, and hang straight down from the flowers, reminding the old timers, who have been growing 'Mums for many years, of the original "Mrs. Thirkel," which was for years the leader in this color. Terminal bud August 15th. Height 4 feet.

Price: \$2.00 each, \$20.00 per dozen

Novelty Introductions of 1932

Price: \$1.00 each, \$10.00 per dozen, \$75.00 per 100



Mrs. B. D. Spilman

MRS. B. D. SPILMAN

An apricot orange, and one we consider the outstanding exhibition variety of the year. Accepted by all as a first-class exhibition flower. The rich color, and graceful reflexing petals impress one very much, and this is a variety that will give satisfaction to everyone who grows it. Bud August 20th. Height 4 to 5 feet. Awarded C. S. A. Silver Cup at annual exhibit in New York.

MRS. HAROLD WELLS

An English exhibition variety needing a fairly long season of growth. Rich, pure white in color. The bud showing around the 15th or 16th of August will produce a wonderful flower, similar to the old "Mme. Carnot," but much superior. Height 4 to 5 feet.

RED MAJESTIC

The novelty bronzy-red sport of the popular "Majestic" which comes to us from England, and is highly recommended. It resembles the parent plant in all respects, except color, and will doubtless enjoy a record sale. One of the large varieties, that growers of exhibition types will want for the Shows next season. Height 4 to 5 feet. Takes first bud after August 25th.

THE MELBA

This variety comes to us from Australia, named after the famous songbird of that country. It is a lemon yellow, sport from "Louise Pockett," greatly resembling the "Yellow Pockett" in all respects, except that it is lighter in color, and much dwarfer in habit. Height 3 to 3 1/2 feet. Bud August 20th.

Standard Varieties Exhibition Chrysanthemums

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100



Armistice Day

AMBASSADOR

Early large flowering white Chrysanthemums, with fine stiff stem holding the bloom erect without artificial support.

ARMISTICE DAY

The crimson color is exquisite, as every petal reflexes, showing the flower to its best advantage. The reverse is a brilliant gold, with much shading on the tip. Crown bud, August 20. Height 4 to 5 feet.

DR. J. M. INGLIS

A rich wine purple amaranth with a silver re-

verse. The petals are loosely incurved and this variety is in every way a great improvement on Earl Kitchener.

ELBERON

A large, incurved clear pink with wonderful foliage and stiff stems. Not a tall grower, but a very fine variety.

ELLEN MACKAY

Claudius Pernet or clear yellow in color. A magnificent variety with each individual petal 1 1/4 inches across; flower 9 inches deep and 9 inches across, making a perfect specimen.

EDMUND STILLMAN KELLY

Pure glistening white. Very strong in growth and one of the good November varieties.

FRIENDLY RIVAL

The finest yellow for Thanksgiving and about the brightest yellow it is possible to procure. Bud taken September 20th. Height, 4 feet.

GOLDEN MAJESTIC

A pure glowing golden yellow, sport of the ever popular "Majestic." Bud taken August 25th. Height, 4 feet.

J. R. BOOTH

This is the golden yellow sport of Nagirroc which is too well-known for further description. Height, 4 feet. Crown bud, August 26th.

LOUISA POCKETT

Color purest possible white. Flower, stem and foliage are alike enormous. Plants need plenty of room to develop. Certificated C. S. A. Height, 5 feet.

MAJESTIC

Clear, shiny amber bronze, a very brilliant shade of color, and a most attractive variety.

MADISON

Crimson, with a bronze reverse. When grown on single stems, it makes wonderful flowers, but it is also particularly fine, when grown as a pot plant with 12 to 20 flowers on a plant. Any bud after August 15th. The later buds are much finer in color than earlier buds, as the reverse on the later buds are a brilliant jasper red.

MARIE DE PETRIS

A wonderful incurved commercial variety of intense yellow, deeper in color than Golden Glory. Foliage right up to the flowers, regardless of what bud is taken.

MISS RITA MITCHELL

Color salmon bronze with fawn reverse; a most attractive variety. Enormous in size and will be one of the most popular kinds shown on the exhibition tables.

MRS. GILBERT DRABBLE

On an early crown bud from August 10th, this variety produces a marvelous flower; petals are arranged in a whorl, rendering them most attractive. Purest white in color.

MRS. JULES C. LEEDS

A very vivid blood red Chrysanthemum. The gleaming brownish petals of this variety are very novel and, on account of its marvelous color, it will be one of the most popular varieties. Splendid stem and foliage. Height, 4 feet, second crown bud.

MRS. H. S. FIRESTONE

Color pinkish, chamois buff. Wonderfully massive stem, foliage right up to the flower.

NAGIROC

Finest exhibition bronze we have ever distributed; color, deepest glowing orange bronze, 45 inches in circumference. Height, 5 feet. Any bud after August 15th.

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100



Wm. Waite

PRESIDENT JOHN EVERITT

Color, very unique chamois buff, when first opening the petals are very closely incurved forming a perfect ball, 27 inches in circumference. Bud, August 15th onward. Height, 3½ feet.

THOS. W. POCKETT

This is a lovely clear pink with incurving tips, which has in its color every desirable attribute. We suggest a late bud the last days in August to give a perfect flower and color. Height, 6 feet.

VERMONT

A most welcome addition to our exhibition list of pinks. The flowers are of enormous size, reminding one very much of the old variety M. L. Rosseau. Bud August 1st to 15th. Height, 5½ to 6 feet.

WM. RIGBY

The yellow sport of Mrs. Gilbert Drabble; color beautiful, bright canary yellow. Exact duplicate of Mrs. Gilbert Drabble in every way, except color.

WILLIAM TURNER

The best variety we have ever introduced; it has created a sensation when exhibited at the shows. Makes a perfect ball of the purest possible white.

WILLIAM H. WAITE

Color, deep warm bronze, so brilliant as to seem almost shading to scarlet in some of the flowers. Bud early in August will develop, but bud taken around August 25th will show a more brilliant color. Height, 4 to 5 feet.

YELLOW WM. TURNER

A light yellow sport from Wm. Turner; identical with its splendid parent in every respect.

Standard Commercial Chrysanthemums

Price: 50c per plant, \$2.00 per dozen, \$15.00 per 100



Hilda H. Bergen

BETSY ROSS

Finest midseason white.

CELEBRATION

A glistening yellow.

CORONNA

A beautiful golden yellow.

DETROIT NEWS

Golden bronze.

E. A. SEIDEWITZ

Late flowering pink.

EARLY FROST

Popular early white.

GLADYS PIERSON

Apricot orange.

GOLDEN MISTLETOE

Light yellow sport of Mistletoe.



Golden Bronze

GOLDEN BRONZE

A wonderful shade of golden bronze.

GOLDEN HERALD

Color deep golden-yellow.

GOLDEN MEASURE

A clear yellow dwarf grower. One of the best yellows coming into bloom after "Sunglow."

GOLD LODE

The best early yellow. October 1st.

HARVARD

Japanese reflexed, very dark crimson.

HILDA BERGEN

Deep rich mahogany bronze.

INDIANOLA

Finest of the early bronzes.

JUSTRITE

Large early pink.

LUSTRE

Beautiful shade of lavender pink.

MARGARET GRAHAM

A very fine commercial incurved white, blooming November 20th.

MISTLETOE

Blush white, strong upright growth.

MONUMENT

Pure white.

MRS. A. M. CALKINS

Improved Golden Chadwick.

OCTOBER ROSE

Large incurved pink.

PINK MISTLETOE

A late pink sport from Mistletoe.

ROSE CHOCHARD

An early pink, flowering in October.

SUNGLOW

A bright yellow like Major Bonaffon.

UNAKA

The long sought early October pink.

YELLOW EARLY FROST

The yellow companion for Early Frost.

YELLOW GLADYS PIERSON

True clear yellow sport of the popular Gladys Pierson, "blooming for Thanksgiving."

Price: 50c per plant, \$2.00 per dozen, \$15.00 per 100



Orange Glow

Lavender Queen

Eva Le Gallienne

Novelty Anemone Chrysanthemums Introductions of 1933

For many years our patrons remember, especially the older customers, the fine collection of Anemones we set out some years ago for Mr. Carl Schaeffer of Tuxedo Park, N. Y., known as the "Tuxedo Park Collection." This included "Graf Von Oriola," "Titian Beauty," etc., and others that have been leaders for years, in this particular type of Chrysanthemum.

We have great pleasure in announcing this year, that we have an entirely new set to offer, similar sorts about a half dozen varieties, and we feel sure they will be extremely popular with customers who grow them in a greenhouse, as well as those who grow them outdoors. As exceptional flowers they cannot be excelled, as remarked everyone who saw them at the Chrysanthemum exhibit in November, and visitors to that Show can testify to the truth of our statement. They were also very spectacular in the Chrysanthemum Society meeting in Columbus last fall.

The price on these varieties—

Price: \$1.00 each, \$10.00 per dozen, except where otherwise noted

EVA LE GALLIENNE

Crushed raspberry with a brilliant tufted center of clear gold. The color crushed raspberry is very unusual in Chrysanthemums, but of course, is well-known in Gladioli and the silk industry. The outer petals are particularly charming and in contrast with the loosely arranged high centered cushion, it forms a most attractive ensemble.

LAVENDER QUEEN

When this flower first opens, it has certain shades of blue in it, that somewhat fade, as the flowers develop. This variety was particularly noticeable in Mr. Joseph Tansy's exhibit at the Museum of Natural History, and was largely responsible for winning him the first prize.

NOVELTY ANEMONE CHRYSANTHEMUMS (Continued)

The Titan
(De Petris)

ORANGE GLOW

This is a brilliant shade of rich orange, with a deeper salmon yellow cushion. This is a very handsome shade and one that will be very popular when better known. A very fine grower, with handsome foliage.

ROSE MADDER

A deep rose-pink Anemone with the center cushion so prominent as to practically obliterate the outer row of petals. This deep old rose color is becoming very popular again this season. Splendid habit.

TUXEDO

A lovely shade of Enchantress pink. This variety was grown by the originator for years, but not generally distributed so we are fortunate to be able to offer it this year to some of our customers. One of the daintiest shades of color, it is possible to procure in Chrysanthemums.

THE TITAN

Tangerine bronze, as shown by the above cut. A very exceptional color, and even more brilliant than this color plate indicates. Wonderfully clean grower, with fine foliage throughout the season.

Price: \$1.00 each, \$10.00 per dozen, except where otherwise noted

**Address all correspondence to
TOTTY'S, MADISON, N. J.**

Standard Anemone Chrysanthemums

Very individual and showy in their different colors are the Japanese Anemone Chrysanthemums. They are very distinct as to type with their tufted centers, a charming contrast with the surrounding broader petals.

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100

BETTY ROSE

Beautiful shade of light dazzling pink with pinkish yellow cushion.

BLANCHE

An improved form of Garza. A very attractive white flower of splendid habit.

BUFF QUEEN

A large Anemone flower of bronzy buff, flowering November 1st.

CAPTIVATION

A beautiful, large flowered Anemone. The color is a brilliant mahogany red. The cushion is very large and well placed.

CRIMSON GLOW

A true crimson red Anemone with the cushion slightly tipped gold. The flower attains a size of about 4 inches across, growing 8 to 10 blooms to a plant.

ELEANOR BEARDSLEE

Dwarf in growth, with color a very fine shade of bronzy yellow, and a magnificent pot plant when fully developed.

GRAF VON ORIOLA

Strongest grower of the set; color pure rose pink; tubular petals in center tipped gold; ends of the outer petals incurve slightly, making a bold and striking appearance.

HEARTS OF GOLD

Deep canary yellow, cushion golden yellow, large flowering Anemone, about 4 inches across. Dwarf, about 16 inches high.

INNOCENCIA

Outer petals of pure white; central petals most beautifully flushed pale pink; edges of the tubular petals in center of light yellow.

JUNO

Deep lilac shading to white; the center head being loose and graceful and of a deeper shade than the outer petals; a magnificent variety in its color.

MRS. H. J. BALLAGH

An even shade of Cattleya pink with straw yellow cushion. A medium sized Anemone. Very healthy light green foliage of medium size. Stem dwarf and very rigid.

MRS. ALFRED G. WILSON

A glistening pure white Anemone with pale yellow centers. The growth is strong and robust.

NORMA

A large flowering show Anemone. Color a delicate pink with bronze yellow cushion. Matures November 20th to 25th.



RED BIRD

Deep ruby red with green, golden crested center; when slightly disbudded and grown in sprays this makes a magnificent variety.

SILVER STAR

A glistening snow-white Anemone, throwing small flowers in great profusion in well formed sprays. An easy grower and its great productiveness makes it a most desirable variety.

SURPRISE

Brilliant rose pink; one of the largest and very finest in this section.

SUSANNE MILLER

A golden yellow sport of "Norma," identical to its parent in every way, excepting color.

TITIAN BEAUTY

Color, deep rich bronze, shading in the center to scarlet. One of the most striking of the collection; outer petals reflex showing the center to advantage. Strong growth, with heavy dark foliage.

TRIUMPH

A bronzy yellow Anemone with long golden bronze outer petals and large, bright yellow tufted center.



Novelty Spidery Type Chrysanthemums

UNIQUE

A flower, that is well named for it is the most unique Chrysanthemum we have to present to our customers. The color is a rich wine red and the thin quilled petals stand stiffly out from the center of the flower making it the largest of any spidery variety introduced. A tall grower, and for this reason should be propagated late.

Price: \$1.00 per plant, \$10.00 per dozen

Feathery, Spidery and Thread-like Varieties

This type of Chrysanthemum, is not grown to any great extent by the commercial florist, nor do you find them in the cut flower markets, still they are most unique, and beautiful and always create a great deal of interest when shown at the exhibitions.

If you are looking for something unusual for your Thanksgiving table, grow just a few of this type of Chrysanthemum, and you will be well rewarded.

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100

AMATERASU (The Sun Goddess)

Heavy quilled petals which follow no set design
Color is yellow as the name implies.

BENTEN (Goddess of Beauty)

Quilled petals, standing straight out from the center; color green gold at center with blood red tips.

FUGI (The Wisteria)

The largest of the entire set; pale lavender in color.

JIUJITSU

Half the petal is white and the other half deep pink. Spidery type.

THE DEAN

A bridal white, feathery variety which makes a very charming spray.

SAM CASWELL

Resembles White Thread except that the color is a brilliant rose pink. Feathery type.

WHITE MRS. FILKINS

A pure white 'Mum, producing many flowers on a plant.

WHITE THREAD

A beautiful and interesting variety resembling nothing so much as a quantity of short white threads growing on a stem.

WHITE WISTERIA

The creamy white sport of Fugi, very narrow petals; fine grower.

Novelty Pot Plants and Decorative Varieties

The following varieties are all particularly adapted for pot plant work. These are the kinds usually grown for the wholesale markets in large quantities. They are often planted out in the open ground in May, kept pinched into shape and potted September 1st. Allow not less than six flowers to each plant.

Price: \$1.00 each, \$10.00 per dozen



Mayfield Sunrise

AUTUMN GOLD

Very rich golden yellow; the color is very striking, glistening in the sunshine. Very vigorous habits of growth. Can be grown either disbudded or grown dwarf, as a pot plant, and it is a very beautiful subject.

LADY BRUNTON

A shade of beautiful golden-bronze with beautifully formed flowers and ideal in growth. The foliage is lovely, and the entire plant must be classed, as one of the very finest in its type.

LORD SOMERS

A true incurved yellow with every petal falling naturally into place without any dressing whatever. This variety makes a beautiful ball of shining bronze, and when grown six to eight flowers on a plant makes one of the prettiest sights imaginable. "Lord Somers" does not line up with gigantic exhibition varieties but of its type, it is one of the very finest things we have ever handled. When grown for individual flowers, take any bud after August 20th, and this will result in a perfect specimen. Height 2½ to 3 feet.

MAYFIELD SUNRISE

A lovely shade of old-rose, which perhaps attracts more attention on account of this unusual color, than any other variety growing here the past Fall. This is an English importation, that will repay the cultivator looking for the unusual. Can be either grown, as a pot plant or individual specimen. If grown as an individual specimen, take the bud September 1st, and later. Height 2½ to 3 feet.

MISS EVA HUDD

Vivid chestnut-scarlet, quite one of the brightest flowers in this color. The flowers are medium market size and of beautiful reflexing form. Can be either grown as a commercial exhibition or decorative type, and will give equal success grown in either way.

THE FAVORITE

Pure white incurved flowers freely produced with a very healthy habit of growth and wonderful stiff stems. One of the valuable varieties for Christmas work.

WHITE BALL

An incurved of purest white. The flowers form a perfect ball and are produced on stiff wiry stems. When grown, as a disbudded Pompon, it makes a beautiful pot plant, that is equally valuable for cutting.



Lady Brunton



Yellow Normandie

Hardy Garden Section

The varieties that follow are all perfectly hardy, providing they are grown in a section that is not too wet. If the stock plants are water-soaked all winter, or frozen up in cakes of ice, they will not survive, but given congenial growing conditions and a slight protection of dry leaves with pine branches over them to prevent the leaves blowing away, they will come through without any trouble. Then in the spring, after they commence to grow, they should be divided so just one shoot will remain to make the future plant. While the first frost will blast the flowers that are developed at the time, it will not injure the unopened buds, and the outdoor 'Mums can be enjoyed to their fullest extent all through the lovely "Indian Summer" weather.

EARLY FLOWERING CHRYSANTHEMUMS

The cultivation of these 'Mums is simple: Plant them in a rich, well-drained piece of ground, setting out the plants a foot apart and pinching them once or twice during the months of May or June. They will branch out and make beautiful bushes and give the cultivator more return for the labor expended than any plant in the garden. There is a place for this type of 'Mums in every garden in America, whether one has greenhouses, frames, or grows them in the open garden. Some growers who have grown these as pot plants have had great success with the same and we can recommend them highly for that purpose.

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100

ALADDIN

The earliest flowering Chrysanthemum, coming into flower in some sections the middle of August, and continuing to flower throughout September. Brilliant warm bronze in color.

A. BARHAM

A beautiful orange bronze and the first variety of this color to come into flower. Shows up wonderfully well under light when used as a decoration

CANDIDA

The color is absolutely pure white and when grown without being disbudded produces masses of pure white flowers.

CHAS. JOLLY

Bright, rosy pink, splendid variety and popular with everyone.

CRANFORDIA

In this variety we have an early flowering 'Mum that covers every possible point; bronzy yellow.



James Hampson

FRANCES WHITTLESEY

Rich bronzy-garnet. A very fine addition to the Early Flowering sorts. Flowers in late September continuing on through the entire month of October.

FIRELIGHT

Brilliant carmine, shaded with scarlet. In perfect condition to cut October 1st, either outdoors or under glass. The earliest and best thing in its color.

GLORY OF SEVEN OAKS

This is a variety that is used very much to grow into specimen plants. The color is a very beautiful golden orange. Quite a dwarf grower.

JAMES HAMPSON

Creamy-white shaded lemon-yellow in the center. The footstalk is particularly strong, holding the flowers most erect. Requires practically no disbudding; and it is an ideal plant to grow for the market.

NORMANDIE

Creamy white, magnificent variety. The earliest and perhaps the best.

OCTOBER GIRL

Clear rose-pink, in full flower by October 1st. Individual flower two inches across with several growing on the same stem.

RUTH BERGEN DORT

Is a very handsome rich pure bronze in color, without any other shading whatever. Splendid for garden work, or grown as a pot plant.

RUTH CUMMINGS

A very fine outdoor Chrysanthemum of rich bronzy terra-cotta in color. This is a variety, that is generally liked by all visitors.

RUTH HATTON

Very vigorous prolific Chrysanthemum with ivory-white flowers. In full bloom October 10th. A splendid variety.

YELLOW FROST

The bright yellow variety of the ever popular Early Frost, coming into flower early in the season.

YELLOW NORMANDIE

We consider this the very best outdoor Chrysanthemum, since it comes into flower in mid September and continues to produce fine sprays of bloom six weeks or longer. Its dwarf habit and luxuriant foliage endears it to all lovers of outdoor Chrysanthemums, and the illustration will give a good idea of its freedom of growth. The color is a clear light bronzy-yellow.

Price: 50c each, \$3.00 per dozen, \$20.00 per 100

Novelty Singles

Price: \$1.00 each, \$10.00 per dozen, \$75.00 per 100

SINGLE CHRYSANTHEMUMS

Single Chrysanthemums are on the crest of the wave at present. Endless in their variety and gorgeous coloring, they are grown by the million both outdoors and under glass and everybody is in love with the Singles.

Out of the thousands of varieties we have raised, we distribute only the very cream.

CLYTIE

A yellow, that has made a wonderful record in the English Exhibitions. It flowers November 15th to 30th, and is a splendid variety in every way.

CRIMSON CONQUEST

One of the most largely grown late blooming English Chrysanthemums and extensively grown for the London market. With us this comes into bloom the middle of November to Thanksgiving, and keeps several weeks in good condition. When grown for cutting in the benches and not disbudded, it provides beautiful sprays. To the increasingly large number of growers looking for December bloom of Chrysanthemums, this is one of the best grown for the purpose. If grown as an individual flower, it is necessary to take a terminal bud. Height 3 to 3½ feet.

GOLDEN SEAL

A deep rich butter-cup-yellow; quite an acquisition in its color.



Crimson Conquest



Red Rover

RED ROVER

This variety is a marvelous crimson with gold reverse on the petals, and a deep gold center. It is a great improvement on "Absolute," which has been for years the leader in this particular color.

This Single created a great deal of interest in the Museum of Natural History at the Flower Show last fall. The individual flowers are six inches across and the most glowing shade of rich crimson-orange in color.

MISS A. WISBY

A beautiful orange-amber, shading lighter towards the center. A particularly vigorous grower and should not be disbudded too closely.

Price: \$1.00 each, \$10.00 per dozen
\$75.00 per 100



Meta J. Bergen

Single Chrysanthemums--Standard Varieties

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100

BESSE LA ROCHE

Color, when first opening, Brazil red.

BRONZE BUCKINGHAM

Bronze sport of "Mrs. Buckingham."

DOROTHY CRIGHTON

A deep yellow single with a high brilliant green center, making a delightful contrast to the flower. A very robust grower and an acquisition to our list of yellow varieties.

GLORIANNA

Bronzy-amber with pink shadings. Plant is an excellent grower, with perfectly stiff, erect stems. Free flowering. A most desirable all-around variety.

GODFREY'S TRIUMPH

Buttercup yellow, shaped like a Water Lily.

GOLDEN MENSA

Identical with Mensa in every way except color, which is a bright golden yellow.

GRETCHEN PIPER

The color is a deep glowing yellow and the flower light and graceful.

HEALESVILLE BRONZE

Vivid bronze glistening and glowing in the sunshine. When grown twelve or more flowers to a plant, and disbudded a single flower to a shoot, it is most spectacular.

IDA CATHERINE SKIFF

Color is a brilliant bronzy amber.

H. MARIE TOTTY

A brilliant crimson, with scarlet shadings.

JANE CUTHBERT

A lovely clear lavender-pink with the stem and foliage all that can be desired, and equally effective, either disbudded or grown in sprays.

JEANNE SHELLY ADAMS

A deep rose pink with white zone around the center.

JEAN HART

One of the daintiest Single Chrysanthemums ever distributed. The color is a beautiful deep yellow.

Types of the Single Chrysanthemums we offer.



LOUISE MAYO

The most exquisite and beautiful Single we ever introduced. Contains about six rows of petals, the lower four rows of same being deep creamy lavender and the shorter or inner rows a pale gold, of enormous size, with stiff, heavy growth.

MABEL SEYMOUR

This has been the outstanding white Single in our greenhouses the past year. The flower is very large and the plant vigorous and unexcelled for making a pot or exhibition plant, on account of its fine growing and blooming qualities.

MARGARET WAITE

A deep pink sport of the well-known late pink Single, Mrs. E. D. Godfrey.

MARGARET W. WANNER

Cadmium orange, suffused deep amber bronze.

MELBA

A brilliant bronzy red of exceptional merit.

MENSA

Purest white. This is a splendid variety.

MISS ISABELLE

Bronze with a silvery reverse to the petals.

MOLLY HUNT

A glistening white Single with broad flat petals.

MISS MOLLY

Color is a brilliant bronzy amber.

MRS. DAVID L. GEORGE

A yellow suffused pink, making a very handsome combination. Dwarf, stocky, robust in habit, and a very fine healthy doer.

MRS. W. E. BUCKINGHAM

Midseason pink, has proved itself one of the best varieties for cutting or market purposes.

MRS. E. D. GODFREY

Light pink; very finest variety for Thanksgiving market.

MURRAY HILL BEAUTY

The old-rose sport of "Mrs. E. D. Godfrey."

ROUPEL BEAUTY

True American Beauty in color, very large flowers with bright yellow center.

Price: 50c each, \$3.00 per dozen, \$20.00 per 100



Bronze Sport of Clara Jameson

Hardy Pompon Chrysanthemums

Standard Sorts

Price: 75c per 3, \$3.00 per dozen, \$20.00 per 100

The number of Pompons is legion, and we have trimmed our list down to a reasonable length. A multiplicity of names does not convey very much to the average flower lover, and while we can supply many varieties not listed in our present catalogue, still the list as given, covers most every need. We are only too pleased to advise customers at any time regarding other varieties, particularly which varieties flower early enough to be satisfactory in their respective sections.

ADELAIDE

A splendid, deep, rich mahogany; one of the earliest to develop, being ready to cut by October 10th. Strong, healthy grower and a desirable variety in every way. About 4 feet high when well grown.

ANNA KUHN

Deep old rose with lighter shadings on tips of petals.

BRIGHT EYES

Orange-apricot with bright eye.

BRONZE DOTY

Deep terra-cotta bronze.

BRONZE SPORT OF CLARA JAMESON

The bronze sport of "Clara Jameson," a rich reddish-bronze, and one of the best of the early Pompons in its coloring, a money-maker in every sense of the word, as it comes in early enough to cut and use the space for another crop.

CAPTAIN COOK

The color is a lovely shade of rose pink.

CLARET

Deep claret wine color. Flower about two inches in diameter.

DOROTHY TURNER

Rich old gold, deepening to chestnut bronze.

EARLIEST OF ALL

Clear salmon pink, the first Pompon to flower.

EDITH NEWBERRY

Improved Pompon in a beautiful shade of burnt orange, maturing November 10th to 15th. This variety reminds one very much of the early flowering type, "Greystone," which was famous for many years, and can be grown ten to twelve blooms to a plant, and average about 4 inches across. The color is charming, and will be very popular, when better known.

MRS. HENRY F. VINCENT

An exquisite shade of fawn and bronze with salmon pink shadings.

H. R. H.

Clear lavender of the Doty type, but superior in the general make-up of the flower.

JEWELL

A brilliant deep pink Pompon flowering in late September, and continuing throughout October and early November. One of the earliest Pompons to bloom, and very very fine.

LEGAL TENDER

Vivid red and gold. A very fine late variety.

LILLIAN DOTY

It is much the finest pink in the entire Pompon family.

LUGANO

A brilliant lemon yellow, shading to golden yellow.

MRS. FRANCIS H. BERGEN

Creamy white, with center of rosy pink.

MRS. H. HARRISON

Blush pink, flowering October 1st.

MRS. J. WILLIS MARTIN

Crushed strawberry in color. The only variety we have in this shade of outdoor Chrysanthemums.

MRS. G. W. WICKERSHAM

Large, snow white flowers on long stems that are splendid for cut flower work.

NEW YORK

Bronze seedling from Hilda Canning. Flowers November 1st.



Mrs. J. Willis Martin

NUGGETS

A lovely clear, shiny yellow, ideal for cutting in graceful sprays.

RODELL

A fine clear yellow.

SNOWBANK

Snow white, when grown en masse, looks like a veritable snowbank.

UVALDA

Pure glistening white Pompon, in full flower October 15th.

VERA VICTORIA

A splendid Pompon of the very largest size. Color brilliant glowing bronzy yellow.

WHITE DOTY

A sport of the popular variety, Lillian Doty.

YELLOW DOTY

A magnificent bright yellow, stems 4 feet.

ZENOBIA

Pure yellow. Comes into flower first of all and popular on this account.

PRICE

75c per 3, \$3.00 per dozen
\$20.00 per 100

The Totty Collection of Hardy Chrysanthemums

Our special offers in the line of Hardy 'Mums have brought us thousands of friends in the past.

The illustration gives a faint idea of the exceeding beauty of the newest types in this fascinating family.

For the benefit of new customers, not familiar with the Hardy 'Mums, we have prepared this color page following, showing the different types of Hardy 'Mums; Singles; Early Flowering and Pompons. We will send a collection of 100 plants, composed of the different types herein shown for \$15.00.

This is a special price on an introductory offer, and individual stock of the different varieties must be purchased at the regular prices in other parts of this catalogue. To obtain this special price, one must take the entire collection, selection to be left to us.

PRICE

100 plants \$15.00

50 plants \$ 8.00

25 plants \$ 5.00

Illustrated next page.



Collection of Hardy Flowering 'Mums

(See page 19)

Standard Carnations

Price: 50c each, \$4.00 per dozen, \$25.00 per 100; except where noted

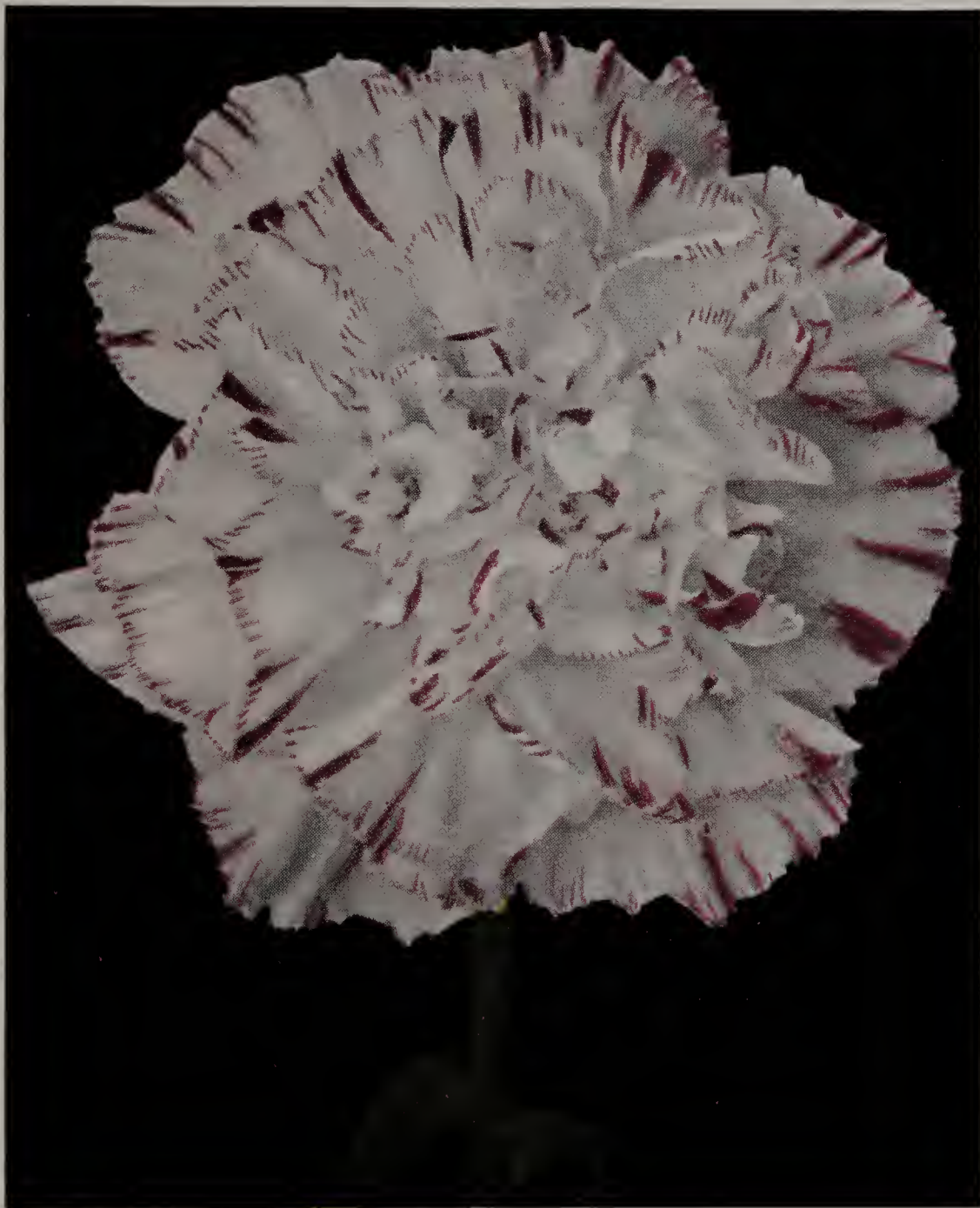
CHINTZ

A blush ground flecked and speckled with claret, creating a color combination resembling pieces of chintz. The flower is very large, equally as large as "Laddie," with a stiff stem that carries it perfectly, and the delightful clove fragrance is not the least of its attractions.

CORAL GLOW

In color, a marvelous combination of terra-cotta flushed bronze, producing a decidedly Oriental effect under artificial light. "Coral Glow" is a flower for the connoisseur, on account of its distinctiveness and unusual coloring.

For any other varieties of Carnations, either Standard or Novelties, write us for prices.



Chintz

IVANHOE

White ground, very heavily veined and striped crimson. "Ivanhoe" reminds everyone who sees it, of the famous old border Carnation. A strong healthy grower, and absolutely unique in its color.

LADDIE

The color is a warm rose salmon pink; the flowers average 3½ inches in diameter, when it is at the proper stage for cutting and develops to 4½ inches in Winter.

LADY HINDLIP

A lovely flower of blush white ground penciled carmine red. The flower is an aristocrat with its clear cut smooth edged petals, and high full centers, giving it a most beautiful appearance.

MATCHLESS

Well named the Matchless White. Blooms early and continuously, easy to handle, and very free. Flowers extra large and wonderfully fragrant.

MAINE SUNSHINE

This variety is a clear yellow seedling. Its chief point of superiority is its splendid vigorous habit.

PATRICIAN

A white Carnation of outstanding merit. Its extra large size and vigorous growth will at once place it at the head of the list of white Carnations.

The stem is always strong and the calyx does not split. It has unusually good keeping quality at all seasons.

PRINCESS DAGMAR

Largest and finest Carnation ever produced in crimson, a wonderful keeper and one that we can recommend with confidence. Stock limited.

RED LADDIE

Everyone knows the parent of this wonderful variety. If one wishes to grow a splendid Red Carnation, we strongly recommend Red Laddie for quality, size and color.

ZORRO

This is the flower that is the favorite of Queen Mary. The color is a light heliotrope flushed pink at the base of the petal. The whole flower is overlaid with a French gray finish.



Sterling Rose

Novelty Forcing Rose Introductions for 1933

In growing grafted Roses for the private estates, no expense is spared to give our customers the best that can be given. We pay a premium to import the finest Manetti, and we make grafting of Roses one of the most important factors of our business, and the fact that we hold our customers year after year, proves that our efforts are appreciated.

If you have never bought our greenhouse Roses or are dissatisfied with the stock you have received from other sources, let us fill your order this year. If you have any Rose problems, our representative will be glad to call on you at any time and go over the matter with you.

Size	GRAFTED STOCK ONLY	Per plant	Per doz.	Per 100
2½ inch		\$1.00	\$10.00	\$60.00
3 inch		1.20	12.00	70.00
4 inch		1.30	14.00	80.00

STERLING

A beautiful luminous pink, which attracted a great deal of attention in the fall shows. It was awarded a Gold Medal at Glen Cove, and a Silver Medal at the New York Museum of Natural History. This Rose is very free in growth and of a magnificent pink in color. The flowers are on the order of "Briarcliff," except the shading is much deeper, in color.



Mary Hart

MARY HART (Patented)

A scarlet-crimson in color. A sport of "Talisman," that is a duplicate of that variety in habit and growth and to the growers who handled "Talisman" successfully, we recommend this Rose with every confidence of its being a fit companion in its color.

MRS. L. B. CODDINGTON

This Rose is a beautiful and unusual shade of watermelon-pink; absolutely free in growth and we recommend it to all of our customers. On account of its parent "Pernet," we do not recommend its culture on Manetti stock, so we offer **OWN ROOT** plants only.

Patented Roses of 1932 Introduction

(Same prices as 1933 Novelties)

SENIOR

Is a second generation cross of "Richmond" and "General Jacqueminot" combining the good qualities of both varieties. We shall be much surprised and disappointed if "Senior" does not rank as the premier crimson. It has petals enough to make it a good summer Rose, but not so much that it does not open freely all the year 'round. The growth is strong and robust, and has comparatively no short weak growth, that has been the bane of most red Roses. Every expert who has seen it is loud in its praise, and since the growth is extremely free, pinching is unnecessary. A cordial invitation is extended to all to come to see this variety growing, and form your own conclusion. The Rose is patented and sold under the restrictions governing patented varieties.

SOUVENIR

The yellow sport of Talisman, corresponding with the parent in every way, growth, freedom, size, etc., except that the color is a clear yellow.

Standard Varieties of Roses for Forcing

GRAFTED

Size	Per plant	Per doz.	Per 100
2 1/4 inch	.. \$0.50	\$5.00	\$40.00
3 inch	.. .60	6.50	50.00
4 inch	.. .75	7.50	60.00

Joanna Hill

AUTUMN

In color, a gorgeous combination of cerise, scarlet and yellow. The firm compact bud of medium size is bright golden yellow, stained crimson, without and deepening to scarlet-orange in the center. They open to semi-double splendidly shaped flower of glorious crimson and gold with stiff petals.

BRIARCLIFF

A sport from Columbia, retaining all the good qualities of its parent, color more brilliant than Columbia, being a true rose pink without any shadings whatever. Long pointed bud and very fragrant. Every bud of this variety is 100 per cent perfect. Abundant dark green foliage and habit of plant very vigorous.

CECILE BRUNNER

Known under various names, such as Sweet-heart, Mignon, etc. Is a dainty, miniature Rose. Light pink in color, and every greenhouse should have a few plants of this beautiful little Rose.

JOANNA HILL

"Joanna Hill" is a seedling of Amelia Gude and Mme. Butterfly. The blooms are clear yellow, deepening at the center and hold their color under artificial light. It produces strong stems without pinching and can be grown at low cost and sold at a more reasonable price than Souv. de Claudius Pernet.

LADY MARGARET STEWART

In the bud state, this Rose is a glowing scarlet, which as the flower develops, changes to a deep sunflower yellow, heavily veined and splashed orange scarlet. The fragrance is most pronounced in this particular Rose and its lovely orange fragrance is its most charming feature.

HOLLYWOOD

An improved "Premier Supreme," but a much brighter color. Large high centered flowers, very long in the bud, with dark leathery green foliage, and decidedly disease resistant.



LUM'S DOUBLE WHITE

A rejuvenation of the old Double White Killarney, showing an improvement in growth, a larger flower, and a much purer, white color. The growth is much longer and the general appearance of the plant better in every way than the original variety.

MADAME BUTTERFLY

A glorified Ophelia. The individual bud is larger and the color tints of Ophelia are greatly intensified, making it a harmony of bright pink, apricot and gold.

MADAME ALEXANDRE DREUX

The golden bronze Rose with scarlet shadings. Free, healthy grower and very free blooming all through the season. The growth is not as heavy as Pernet or Columbia, but the lovely color makes it one of the most sought for new Roses. It is disease-resistant, and its clean, healthy growth makes it easy for the grower to handle. Stock limited. **Grafted to order only.**

Standard Varieties

MRS. AARON WARD

A general favorite, rather short in bud, but wonderfully free flowering. In the bud state color is a beautiful, rich yellow, which changes to shades of pink as the flower develops.

PREMIER SUPREME

Deep rose pink, sport of Premier, with large, high centered flower. Very long in the bud. Dark leathery green, disease resistant foliage.

PRESIDENT HERBERT HOOVER

A splendid combination of cerise pink, flame, scarlet and yellow, and this combination gives the most dazzling effect ever seen in any Rose. The flower is large and the bud beautifully pointed. The petals are broad and thick, retaining this characteristic days after the flowers are open. It is a splendid keeper, and wonderfully fragrant.

RAPTURE

A much improved sport of Mme. Butterfly as far ahead of Mme. Butterfly as Mme. Butterfly was of Ophelia. The color is an exquisite salmon shade, deeper than the very best Butterfly, with the same golden flush at the base of the petals. As a sport of Butterfly, Rapture shows all its good characteristics with a larger foliage and a much heavier growth.

SUNKIST

This new rose is a sport of the popular variety, Joanna Hill. Its rich orange copper coloring is responsible for its name, which is being used with the permission of the California Fruit Growers Exchange.

The buds are long, well pointed, and slightly larger in size than the parent with a few more petals. In habit and growth it is identical with Joanna Hill, which is one of the best recommendations that can be given to any Rose grown commercially.



Souvenir de Claudius Pernet



Talisman

TALISMAN

A seedling of Ophelia and Souv. de Claudius Pernet, originated by The Montgomery Company. "Like a choice, rare cameo, this new seedling Rose stands out in rich and distinctive relief against any background." Talisman is already so well-known that it needs no further comment.

TEMPLAR

A clear, even shade of red and a color that stays even at all times. Very productive and fragrant and a fine Winter growing variety.

SOUVENIR DE CLAUDIUS PERNET

Budded Stock Only

The most popular forcing yellow Rose to date. We are proud of the wonderful record this Rose has made since we introduced it. The color is a brilliant clear yellow, which does not fade at any time, and the beautiful holly-like green foliage makes a charming contrast for this beautiful flower.

Specially fine stock budded on Odorata, which has been found to be the best stock on which to grow this variety.

Price: \$40.00 per 100—2 1/4 inch stock
\$50.00 per 100—3 inch stock
\$60.00 per 100—4 inch stock



Orchid Flowering Dahlias

Used as a cut flower on a dinner or luncheon table, or in vases around a room, their graceful airiness is most pronounced. They are of the easiest possible culture, if they are planted and allowed to grow naturally, and will produce wonderful bushy plants, two to three feet in height, literally covered with blossoms. Trimmed back three or four main stems, to a plant, and staked, larger sprays and better flowers will be produced. The graceful curve of the petal prompted the name "Orchid Flowering."

Price: 3 plants 75c, \$3.00 per dozen, \$20.00 per 100

BEAVER

Crimson maroon with light-tipped narrow florets and lighter center. 3 feet.

CHAMOIS

Lovely shade of chamois throughout with slight red tints, quite artistic. 3 feet.

CITRONELLA

Pretty canary yellow ground with crimson reverse. A charming flower. 3½ feet.

COMET

Light brown, ground with maroon reverse. 4 feet.

CRIMSON GLOW

Wonderful shade of clear crimson, one of the finest in the collection.

EVEREST

Pure white throughout, long graceful recurving florets, good size. 3 feet.

FAWN

A lovely fawn shade with reddish reverse, a ladies' color. 3 feet.

FIREFLY

Yellow ground with vermillion scarlet reverse, most attractive. 3 feet.

GOLDFINCH

Yellow ground mottled with red, crimson reverse, a charming flower. 4 feet.

IBIS

Buff ground, with peach-red reverse, overlaid nopal red. 3 feet.

LEOPARD

Yellowish ground with crimson reverse spotted with rose. 3 feet.

MAVIS

Rose ground with deep purple reverse spotted. 3 feet.

PEACH

Buff ground mottled with red, fiery red reverse, narrow florets. 3 feet.

POLLY

Yellow ground with intense red reverse. 4 feet.

RUBY

Light ground mottled with ruby, rich ruby reverse. 3½ feet.

STARFISH

Pale flesh ground with ruby reverse. 3 feet.

SWAN

Pure white with a flush of rose on the reverse. 3 feet.



Mignon Dahlias

Mignon Dahlias

These are unsurpassed for bedding plants where quantities of flowers are required during the Summer months. These single flowered Dahlias attain a height of about 18 inches and begin to flower early in June and continue to do so until frost. We are unable to supply separate colors, but can supply them in an assortment containing white, yellow, pink, bronze and red. These should be set out about 18 inches apart early in June either in the border or in solid beds, just as preferred. Where one desires a great deal of color throughout the Summer months, we strongly suggest Mignon Dahlias be grown.

Price: 3 for 75c, \$3.00 per dozen, \$20.00 per 100

Large Flowering Dahlias (Decorative Type)

JANE COWL

We can recommend this variety above all others of its type and color. Color is a bronzy buff and old gold, deepening toward the center. Very free flowering and always one of the prize winners at the Shows.

Price: Tubers \$1.00 each, \$10.00 per dozen

JERSEY BEACON

Large well-formed flowers of Chinese scarlet color with a paler reverse giving a two-toned effect. A fine variety for all purposes.

Price: Tubers 50c each, \$5.00 per dozen

JERSEY BEAUTY

Without question the most popular of all Dahlias. The large, beautifully formed rose pink flowers are carried high above the foliage on long stiff stems.

Price: Tubers 50c each, \$5.00 per dozen

THE WORLD

The large beautiful flowers are a deep, rich, rosy, magenta overlaid with garnet with silver shading on the edge of the petals.

Price: Tubers \$1.50 each, \$15.00 per dozen

TREASURE ISLAND

A lovely bright autumn shade, combination of apricot and gold with a rose suffusion. A fine exhibition and cut flowers.

Price: Tubers \$2.00 each, \$20.00 per dozen

WATCHUNG SUNRISE

A very unusual variety. Large flowers with outer petals curving almost to the stem. Color golden amber with rose pink reverse.

Price: Tubers \$1.00 each, \$10.00 per dozen

Tender Bedding and Greenhouse Plants

AGERATUM Fraserii

Dwarf blue, compact growth, an early bloomer and excellent for edging.
2-in. plants \$1.50 per dozen, \$10.00 per 100
3-in. plants \$2.00 per dozen, \$15.00 per 100

AMARYLLIS HYBRID "INNOCENCE"

We have a limited number of the flowering size bulbs of this Hybrid Amaryllis "Innocence," which is a dazzling white in color, and lines up in size with the very fine Hybrids. There is only one grower in the country who has had this variety for many years, and he has held the stock very closely, but is now offering us a limited quantity, which we in turn offer to our customers.

Price: \$3.00 each, \$30.00 per dozen

BUDDLEIA Asiatica

This Buddleia differs from Variabilis and others of its type, in that it is not hardy and requires protection. It begins to bloom in December and continues to do so throughout the Winter season, if the plants are kept growing in a warm house. It produces long spikes of the most beautiful white flowers which have a delightful lilac fragrance.

Price: \$3.00 per dozen, \$20.00 per 100

FERNS (For Fern Dishes)

Assorted Ferns in all the best varieties:

- Cytomium falcatum
- Pteris mayi
- P. cretica
- P. albolineata
- P. adiantoides, etc.

Price: \$1.50 per dozen, \$10.00 per 100

GERBERA Jamesoni Hybrids

Frequently known under the name of the Transvaal Daisy. These Hybrids give a variety of color, but the predominating color is a brilliant scarlet. Produces beautiful daisy-like flowers about 4 inches across on stems about 15 to 18 inches long. It can be grown outdoors during the Summer and early in the Autumn lifted and potted and placed in a warm greenhouse, where it will bloom throughout the Winter months.

Price: 75c per plant, \$7.50 per dozen
\$60.00 per 100

Heliotrope Centefleur

Deep blue in color with conspicuous white eye. Our first introduction in the Heliotrope line and a very strong, vigorous grower. It is the most robust of all the varieties and will sometimes grow 2 feet in height in favorable locations.

Heliotrope Elizabeth Dennison

A clear Windsor blue in color with large individual trusses of flowers growing about 15 inches high. Is also wonderfully fragrant.



Buddleia Asiatica

HELIOTROPE ROYAL FRAGRANCE

This Heliotrope introduced some years ago by us, has just about become the standard of America. Our sales increase by leaps and bounds every year, so much so, that we have had to discard other varieties in order to increase our propagation of this particular subject. It is dwarf and robust in habit, and the most fragrant Heliotrope that has ever been grown. It blooms from early June until frost, and as a bedding plant is unsurpassed.

The color is a deep rich violet blue, and the individual trusses of flowers are enormous, being 12 to 15 inches across. A bed of this variety is a solid mass of color from early in the season until frost, and there is absolutely no Heliotrope that can compare with it. This plant will not attain a height of over 10 inches, therefore does not have the weedy habits of most Heliotrope.

PRICES ON ABOVE HELIOTROPES

	Each	Per doz.	Per 100
2 1/2 inch pots . .	\$0.30	\$3.00	\$20.00
3 inch pots . .	.40	4.00	30.00
4 inch pots . .	.50	6.00	40.00

LANTANAS

There is no Summer flowering plant that will give better results than Lantanas. They can be absolutely depended on to bloom regardless of weather conditions, and are always a magnificent show of color in the garden.

Delicatissima

Weeping, lilac lavender.

E. Bayard

Bright orange, red and yellow.

Iolando

Rich orange turning to red.

Protee

Old rose and golden yellow.

Radiation

Orange and red.

**Price: 50c each, \$2.00 per dozen,
\$15.00 per 100**

VERBENA MAYFLOWER

These are very handsome, as bedding plants. They bloom continually from early June until frost, and are very very satisfactory when used as cut flower subjects. The particular variety we have to offer "MAYFLOWER," we consider unusual and novel, which is the reason we include it with our list.

It is a beautiful clear apple blossom pink throughout, and does not clash with any other color in the garden. The flowering heads are twice as large as that of any other Verbena, and its lovely soft color appeals to everyone.

Price: 3 inch pots, 50c each, \$5.00 per dozen, \$35.00 per 100



Lantanas

LEMON VERBENA (Aloysia citriodora)

A well-known garden plant appreciated for the sweet, lemon scented foliage, which is extensively used to impart a sweet scent to bunches of flowers lacking in a scent of their own. It is also used in flavoring jellies.

**Price: 2 1/4-in. pots, \$1.50 per dozen,
\$10.00 per 100**

Standard Tree Heliotrope

We have a limited number of Standard Heliotrope plants about 4½ feet to 5 feet high with immense trusses of bloom 8 to 10 inches across, which we offer this season. These are very charming subjects for a Rose or Hardy Garden and they will bloom practically the entire Summer, in addition to being exceptionally fragrant at all times. We do not recommend these Standard Heliotrope being planted out in the garden before June. If taken in the conservatory before frost they will continue to bloom during the Winter.

Price: \$5.00 per plant, \$50.00 per dozen



The Hardy Border Carnations

We have located a grower who has made a specialty of raising Hardy Carnations outdoors, for the past quarter of a century, and have procured a splendid collection of varieties from him for this purpose.

The raiser describes them, as follows:

"These Border Carnations are true Perennials in that, they enjoy the cold, standing zero weather and lower, and for this reason they should be grown, as cool as possible. The largest and most satisfactory blooms are obtained from one year old layers, which we offer. As cut flowers these Carnations cannot be excelled. They are indispensable for table decorations, bouquets, etc., etc., and keep longer in water, than any other flower in the Perennial list."

The spicy, clove aromatic fragrance of Carnations is well known, but the perfume from this particular type of Carnation is stronger than any other Carnation introduced to date.

The colors in these Carnations are charming, varying from yellow, pink, ruby, dark red, mauve, etc., etc.

A stiff clay soil enhanced by the addition of a light medium of coarse sand, horse or cow manure, etc., will be found of great benefit, although it is much better to grow them in soil, that is poor, rather than rich soil.

Three inch pot plants set out in April, planted 15 to 18 inches apart, as previously suggested, to leave room for hoeing, will give the largest flowers; quantities of them, and the best results. Plants treated in this manner will produce blooms 3 to 4 inches across, borne on stiff stems, 1 foot to 20 inches long. Disbudding these Hardy Carnations should be done, even if the blooms are not grown for exhibition purposes, for it is far more satisfactory to have a moderate number of specimen blooms, than a large number of indifferent quality. The topmost buds produce the best flowers, and any small buds immediately underneath should be rubbed off, and this will give you one bloom on each stem, but it will be of grand form and size.

On account of the widespread popularity we expect these Carnations to attain, we are making the price within the reach of everyone.

Price: 50c each, \$5.00 per dozen, \$35.00 per 100

Roses for Outdoor Planting

Cultivation of Roses

If these cultural directions are faithfully followed, they will insure success

The Soil—Any good garden soil is suitable for Roses, providing it is well drained and rich in fertilizing elements. Cut the plants back well when they are planted, about 6 inches from the ground, and after the Roses are planted, they should be well firmed in the soil with the foot. This will prevent the roots working up to the top of the soil. Hybrid Tea Roses can be planted 18 inches apart; the Perpetuals 2 feet apart; Climbers 4 to 5 feet apart, depending on the variety and the object desired. Be sure you do not permit any fresh manure to be used at the roots of the plants, as this will burn the roots.

Mildew and Black Spot—Sulphur lead dust, applied every two weeks, from May to Fall, or Bordeaux mixture—5 ounces powder to 1 gallon of water. (This discolors foliage lightly.)

For Sucking Insects—Aphis, etc., that curl the leaves and spoil the buds. 1 teaspoon "Black Leaf 40" 1 ounce laundry soap, melted, 1 gallon of water.

For Leaf-eating Insects, Worms, and Beetle—1 ounce arsenate of lead, 1 ½ gallons of water.

Combination Fungicide and Insecticide—Pyrox, Bordeaux mixture and arsenate of lead, 5 ounces of Pyrox to 1 gallon of water, 1 teaspoonful of "Black Leaf 40."

Fertilizer—Commercial tankage may be applied once a month, one handful to each bush, well raked in. If possible to procure some well rotted cow manure, put on during August as a mulch, or apply liquid cow manure diluted until it is the color of strong tea, one small dipperful to each bush twice a month until September 1st.

Watering—Soak the beds once every ten days and spray plants twice a week with as much force as possible with a nozzle on the hose. This helps control insects and keeps the wood soft enough to grow. This should be done early in the morning or sufficiently early in the afternoon so they will not be wet overnight.

Cultivation—Stir the soil frequently, but do not cultivate deeper than 2 to 3 inches as the fine feeding roots must not be disturbed.

Pruning—The blooms must be cut off so as to induce new, strong shoots. The best shoots that make long stemmed Roses come from the lowest 6 inches of the bush, so prune severely if long stems are desired. Do not prune after September 1st, as the new growth thereafter will be too soft to live over the Winter.

Protection—Before the ground freezes, the soil should be drawn up to the base of the plant in a mound 7 to 8 inches high. After the ground has frozen cover the entire bed with straw or dry leaves, placing evergreen boughs on the top to prevent the leaves blowing away. Do not uncover too early, as the Spring sun and winds cause great damage. When so protected, even the most tender varieties of Hybrid Tea Roses are entirely hardy as far north as Winnipeg.

Novelty Rose Introductions

We endeavor to select the finest and best introductions each year in Novelty Roses for the benefit of our customers. Of the many varieties offered for dissemination this year we have selected the following:

Price: \$1.00 each, \$10.00 per dozen, except where noted

AUTUMN

Novel and distinct in coloring, burnt orange streaked and marked with red. Bud of medium size, developing into a cupped double, fragrant, attractive flower.

BETTY SUTTON

Exquisite both in the long bud and high-centered, large, double tea-scented flower. Inside of petals delicate rosy pink; as the flower opens there is a delightful reflecting of the petals, which enhances the beauty of the pink tones. Strong, vigorous and free flowering.

Price: \$1.50 each, \$15.00 per dozen



**Golden
Dawn**

EDITH NELLIE PERKINS

A Rose of outstanding merit, vigorous in growth and free flowering. Long, pointed bud; flower of good size, long lasting and fragrant, double; outside of petals orient-red shaded cerise-orange; inside salmon-pink.

GOLDEN DAWN

An ideal yellow garden Rose. Color ovoid lemon yellow bud heavily splashed with crimson before opening, developing into a well formed, sweetly scented large, double, yellow reminding one of the old favorite Marechal Neil. Strong, vigorous and free flowering.

HEINRICH WENDLAND

Buds large, long pointed and very large, double, full, high centered, intensely fruity fragrant flower of unfading nasturtium red color, the reverse of the petals a deep golden-yellow. Growth vigorous.

Price: \$1.50 each, \$15.00 per dozen

IMPRESS

Very large, full, absolutely perfect blooms that last in perfection a long time; color salmon-cerise suffused a luminous golden sheen; the bud is large, cardinal-red, shaded orange; growth strong; free and continuous bloomer.

LADY FORTEVIOT

Large, high-centered, lasting, extremely fragrant, golden yellow flower, changing to deep apricot, flushed cardinal-red, borne several together on long stems; free and continuous bloomer.

LUCIE MARIE

Very long pointed buds, deep yellow splashed rosy red. As the outer petals unfold, the inner face is yellow with coppery venation with the petals lightly tipped with pink, slightly fragrant. It is of strong, vigorous, healthy habit of growth with dark leathery foliage. A most distinct and interesting bedding variety.

LUCILE RAND

Bud long pointed; well-formed, large, highly-centered, delicately sweet-scented, very double flower of a lively rosy-carmine; free and continuous bloomer.

Price: \$1.00 each, \$10.00 per dozen, except where noted

McGREDY'S SCARLET

A new red Rose of marked superiority on account of its strong vigorous growth, free and continuous habit of flowering and its brilliant color. The flowers are of good size, full double of a brilliant scarlet, orangy yellow at base of petals, the upper portions of same being lightly touched with crimson varying some in color under changing weather conditions, but always beautiful.

MARCHIONESS OF LINLITHGROW

Color, rich deep velvety-crimson; very shapely, long bud and moderately double flowers which are exceptionally sweetly scented.

Price: \$1.50 each, \$15.00 per dozen

MME. JULES GUERIN

An exceptionally large, fragrant, well formed, full double flower frequently measuring over 6 inches in diameter. The long, shapely buds when first expanding are golden-yellow passing to creamy-yellow as they develop. The plant is very vigorous, free flowering and the blooms are carried on strong stout stems.

Price: \$1.50 each, \$15.00 per dozen

MME. NICOLAS AUSSEL

In a French contest, Sept. 15th, 1931, was voted an award of a Gold Medal, as "The Most Beautiful Rose in France." An outstanding introduction of the late Mr. Pernet-Ducher. In color a bright coppery-red in the very long, shapely, tapering bud that develops into a large, full double flower of an exquisite opalescent salmon-pink. Growth vigorous and healthy, free and continuous bloomer.

MRS. SAM McGREDY

The color of this beautiful variety is quite distinct from anything yet seen in Roses, a wonderful dual combination of vivid shades. A beautiful scarlet-coppery orange is heavily flushed with Lincoln-red on the outside of the petals, and these colors together give a rich and almost dazzling effect. The flowers are of large size and beautiful form, and they possess the proper fullness to make them useful for all purposes. They are very freely produced and delicately perfumed. The plant has a vigorous and exceptionally free habit and is one of the best all-purpose varieties.

OLYMPIAD

Our Novelty introduction of 1932. The color is unique, a lustrous dark oriental-scarlet, its depth and warmth accentuated by a bright golden base and intensified by a marvelous velvety sheen, that makes its rich coloring particularly effective especially under artificial light. The bud is long and pointed, the petals are very broad, and the blossom is magnificent in every stage of development.

**Price: \$1.50 ea.
\$15.00 per doz.**

**PORTADOWN
FRAGRANCE**

A Rose that pleases not only on account of its beautiful formation and color, but also for its remarkable sweet fragrance, described by its introducer as surpassing any other variety. The bud is long-pointed; the flower very large, double high-centered and unusually long lasting. Color brilliant orange-scarlet passing to bright rose towards the edge of the petals; of vigorous habit and freeflowering.

**Price: \$1.50 each
\$15.00 per dozen**



Olympiad

Roses: Standard Varieties

Price: 75c each, \$7.50 per dozen, \$60.00 per 100

BETTY UPRICHARD

Coppery red buds, opening to semi-double flowers of above average size; brilliant orange carmine on outer surface of petals, showing light salmon reflexes; spicy fragrance. Strong growing persistent blooming and healthy.

BRIARCLIFF

A sport from Columbia, retaining all the good qualities of its parent, color more brilliant than Columbia, being a true rose pink without any shadings whatever. Long pointed bud, and very fragrant. Every bud of this variety is 100 per cent perfect. Abundant dark green foliage and habit of plant very vigorous.

DAME EDITH HELEN

The plant possesses a strong, vigorous constitution, with large, healthy, dark green foliage. The flowers are produced singly on well foliated strong canes and are of immense size, composed of very substantial, broad petals which curl back prettily, forming a wonderful long pointed bud, which develops into a full, double flower, and is absolutely perfect in every stage of development. The color is a brilliant, yet, soft Rose du Barri pink and is delightfully and strongly sweet scented.

DUCHESS OF LUXEMBOURG

One of the most gorgeously deep coppery yellow Roses, that we have ever had the pleasure of distributing. It is known as "the Rose of the South."

DUCHESS OF WELLINGTON

Intense saffron yellow, stained crimson, long pointed flowers, of wonderful fragrance and very productive.

ETOILE DE HOLLANDE

Brilliant red blooms of magnificent size, perfect in half open state, showing clean, attractive centers when fully open; petals enormous; very fragrant. Plants branching; particularly free flowering and healthy.

INDEPENDENCE DAY

A novel, flaming yellow shaded copper. When fully opened, is a bright orange pink, very fine, strong grower, producing quantities of flowers throughout the season.

JOANNA HILL

This is a seedling of Amelia Gude and Mme. Butterfly. It is a very free flowering Rose of clear yellow, deepening at the center to an orange yellow.

LADY ASHTOWN

Satiny buds and blooms of deep shining pink, with a yellow glow at base of petals; high center, double and quite fragrant. Plant is strong, free blooming, and hardy, but needs protection against disease.



Los Angeles

LADY ALICE STANLEY

The outside petals are a deep rose-pink; inside pale flesh, slightly flushed with a deeper shading, a most beautiful color combination. Blooms are very large and full, of great substance and productiveness and one of the most fragrant Roses in existence.

LADY MARGARET STEWART

A Rose of unique and distinct color, the flowers in the young stage are a deep sunflower yellow heavily veined and splashed with orange scarlet, with the reverse of the petals deeply suffused with carmine. The bud is long and pointed, opening to a full, double flower, of most pleasing decorative form of delightfully sweet scent.

LOS ANGELES

Growth, very vigorous, flowers luminous flame pink toned with coral, with lighter shadings at the base; buds are long and pointed and expanding to a flower of mammoth proportions.

MISS ROWENA THOM

It is almost impossible to give a true color description of this Rose. It seems as if all the shades of a desert sunset have been caught in all their splendor and held by this beautiful Rose. The deep center glows with vivid Oriental red, shading to rose, as the bud expands and gradually passing to delicate mauve in the full blown flower. The flowers are large and borne on stems 30 inches long, which are practically thornless.

Standard Varieties

MME. EDOUARD HERRIOT

Color of this Rose is a gorgeous combination of reddish terra-cotta and bronze with flame shadings; almost impossible to describe; foliage bright and glossy and practically mildew proof.

MRS. CHARLES BELL

Lovely shell pink buds and blooms of fine, globular form with shadings of soft salmon; sweetly perfumed. The plants are notably strong and bushy bearing good foliage seldom attacked by disease.

MADAME BUTTERFLY

A glorified Ophelia. It is altogether more vigorous in growth than its parent Ophelia, as grown side by side in our establishment.

MRS. ERSKINE P. THOM

A strong, healthy grower, equal in strength to the Radiance type of Rose. Beautiful, dark bronzy green, disease resistant foliage. Rich lemon yellow flowers, very sweetly scented and a very free flowering variety.

PADRE

Most attractive and novel in coloring, with long petals of a coppery scarlet flushed with yellow at the base. Produced on long shoots. Growth strong and upright and exceedingly free flowering.

PRESIDENT HOOVER

This is a glorious Rose, wonderfully free in the easy manner in which it grows and charming in its color arrangement which is a splendid combination of cerise pink, flame, scarlet and yellow, and this combination gives the most dazzling color effect ever seen in any Rose. It is one of the most cheerful Roses imaginable. The flower is large and the bud beautifully pointed. The petals are broad and thick, retaining this characteristic days after the flowers are open. It is a splendid keeper, much on the order of "Pernet" in this respect.

The exquisite fragrance of this Rose is one of its strongest points.

RADIANCE

A splendid and popular Rose, deep pink in color. Will produce 3 foot breaks without pinching; almost mildew proof, and a wonderfully fine Rose to handle.

RED RADIANCE

A duplicate of its parent in every respect save color which is a brilliant red; very free flowering in habit and vigorous in growth. A wonderful variety in every way and a welcome addition.



REV. F. PAGE-ROBERTS

A most beautifully shaped, long bud and a full, double flower of a rich orange gold, shading to a saffron yellow; growth vigorous and very free flowering. The most beautiful Rose of its color yet introduced.

SOUVENIR DE CLAUDIUS PERNET

This variety is a clear shining yellow, with very glossy foliage. The growth of the plant is sturdy and clean and it has made a mark for itself in all sections of the country.

TALISMAN

The Rose, which created a sensation in all Shows during 1928 and 1929, and which was awarded more Gold Medals than any other American Rose yet introduced, including the President Coolidge Medal in 1928. It is a most remarkable piece of coloring; a combination of shadings of gold, apricot, yellow, deep pink and old rose. The bud is long, well formed and develops into full double flowers. The plants are strong growers, with glossy green foliage and free flowering.

Price: 75c each, \$7.50 per dozen, \$60.00 per 100

Climbing Roses

BLAZE (Patented)

The new hardy everblooming scarlet Climbing Rose.

A marvelous new hardy Climbing Rose, which inherits the **blazing** color of Paul's Scarlet Climber, and the everblooming habit of Gruss an Teplitz, thus combining the most attractive features of both its parents. It is a very vigorous climbing variety which will grow to considerable height and produce flowers on both the old and the new growth. In our opinion, this Rose is destined to enormous popularity, and will be rapidly distributed throughout the world.

Price: \$2.00 per plant, \$20.00 per dozen

Standard Varieties

Price: 75c each, \$7.50 per dozen, \$60.00 per 100

AMERICAN PILLAR

Single flowered variety of great beauty. Flower 3 or 4 inches across borne in immense clusters. Brilliant shade of pink with clear white eye; wonderfully decorative even when not in flower as the blooms are followed with brilliant red berries and this rose retains its foliage.

CHAPLIN'S PINK CLIMBER

Unquestionably the most important acquisition in Climbing Roses since the introduction of Dr. Van Fleet and Paul's Scarlet Climber, which are universally recognized as the two most popular Climbing Roses in the country and to which Chaplin's Pink Climber will prove an equally valuable companion.

DOROTHY PERKINS

Clear, bright pink, trailing growth, profuse bloomer.

DR. W. VAN FLEET

Beautiful flesh pink, borne on long stems; buds long and pointed, plants very strong, brilliant dark glossy foliage, mildew proof, splendid for cutting.

EMILY GRAY

The best yellow Climbing Rose ever introduced. Color clear golden yellow, all flowers are double, with long buds, and attractive, dark green foliage. Very free flowering, splendid growing habits.

Price: \$1.00 each, \$10.00 per dozen

JACOTTE

Color shrimp pink or light salmon orange shaded golden yellow at base; flowers fully 2½ inches in diameter, delightfully scented; rich, dark green, glossy disease-resisting foliage.

Price: \$1.00 each, \$10.00 per dozen

MME. GREGORIE STAECHELIN

The long pointed full fragrant flowers are crimson, and when fully opened is an iridescent pearl pink inside. It has been predicted that this variety is probably the pioneer of a new race.

PAUL'S SCARLET CLIMBER

The flowers are medium in size, being semi-double and carry three to six flowers on each spray. Paul's Scarlet Climber has received several gold medals.



The New Dawn

THE NEW DAWN

(Patented)

The ever blooming "Dr. Van Fleet," a sport from "Dr. Van Fleet," unanimously acknowledged as the best and most popular Climbing Rose in America. This new variety is identical with its parent in size, formation of bud and color, etc., but it flowers continuously throughout the Summer and Fall months. A worth-while hardy ever-blooming Climber and a variety every Rose grower will be anxious to possess.

SILVER MOON

Pure white in color with yellow stamens in the center, showing up a very attractive variety. Foliage bronzy green; stems of flowers very long and fragrance very lasting.

Baby Rambler and Dwarf Polyantha Roses

These are delightful for massing in beds, or as edges for borders. They are most profuse and continuous bloomers and their small, neat flowers are produced in large clusters.

Price: 75c each, \$7.50 per dozen, \$60.00 per 100

CECILE BRUNNER

(The Sweetheart Rose)

Dainty, double flowers of soft pink, growing in graceful sprays.

CHATILLON

is a vivid salmon pink, with semi-double flowers, produced in large trusses, and one of the finest dwarf Polyanthas.

GLORIA MUNDI

The color is the most brilliant shade of geranium red with a salmon orange shade, and the strongest feature of this Rose is that the color does not fade, as do so many varieties of this color.

GOLDEN SALMON

Reddish orange in color produced in large clusters. A very striking color in any garden, and one that attracts immediate attention.

GRUSS AN AACHEN

One of the finest Polyantha Rose plants ever introduced. It is orange red and yellow in the bud, opening to light flesh pink and salmon yellow, resembling very much a bouquet of Hybrid Tea Roses on one stem.

IDEAL

A dwarf growing Polyantha of great merit, flowers dark amaranth-red, produced in large clusters. An ideal variety, as its name implies, for giving satisfaction and results.

LOCARNO

Large orange red flowers, an extremely prolific variety, and a very bushy vigorous grower.



MISS EDITH CAVELL

A brilliant scarlet-red with deeper shadings. Very desirable variety.

MRS. CUTBUSH

Clear, deep pink, fine growth and habit.

Standard Tree Roses

Price: \$3.00 each, \$30.00 per dozen

LOS ANGELES

A luminous flame pink toned with coral, with lighter shading at the base. Very vigorous grower.

MME. BUTTERFLY

A glorified "Ophelia." Salmon on golden pink.

MME. E. HERRIOT

A gorgeous combination of reddish terra-cotta and bronze, with flame shadings. Splendid foliage.

PRESIDENT HOOVER

A splendid combination of cerise pink flame, scarlet and yellow, and this combination gives the most dazzling color effect ever seen in any Rose.

RADIANCE

Deep pink in color, with excellent foliage, and practically mildew proof.

RED RADIANCE

Duplicate of "Radiance" in every way, except color, which is a brilliant red. Very free in habit.

SOUVENIR DE CLAUDIUS PERNET

A clear shining yellow, with glossy hollylike foliage.

TALISMAN

Combination of shadings of gold, apricot, yellow, deep pink and old rose. Long and well pointed bud, and develops into full double flowers. Foliage, green and glossy.

Hardy Perennial Plants

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100, unless otherwise noted

At least three plants of one variety must be purchased to obtain the dozen rate.

Varieties marked with an asterisk (*) are suitable for Rock Gardens

Of all the garden flowers, Perennials are deservedly the most popular. One can use Annuals for summer and fall bloom, but it is the Perennials, that we must depend upon for spring and early summer flowers.

A carefully selected list of Perennial plants will make a delightful showing from early spring till fall, in your garden.

Our Perennials are field grown clumps and will bloom the first blooming season after planting. We invite you to visit our nursery and see for yourself the plants flowering in the fields, and we will be pleased to suggest varieties best suited to your purpose.

We continue to list all the varieties that have proved satisfactory to our customers for many years, and have added newer sorts and novelties, which because of their great beauty should be grown in every garden.

ACHILLEA

Ptarmica, the Pearl

Small heads of pure white flowers, excellent for cutting. Blooms from Midsummer to October. About 18 inches high.

ACONITUM (Monkshood)

Fischeri

A fine hardy variety with dark blue flowers in September and October. 2-3 feet in height. The Aconitums do well in a shady or half shady location.

Sparks Variety

The darkest blue of all, flowering in June and attaining a height of about 2½ feet. Does well in a shady or half shady location.

Price: \$5.00 per dozen, \$35.00 per 100

Wilsonii

A late flowering variety with lovely violet-blue flowers. Height 5-6 feet.

Price: 50c each, \$5.00 per dozen

ALYSSUM (Rock Madwort)

*Saxatile Compactum

Splendid plant for the rockery or border, growing a foot high; golden yellow flowers with dense, compact heads. 1 foot. April and May.

*Argenteum

15 inches high. Bright yellow clusters of flowers continue well into the Summer.

*Rostratum

A very fine addition to the rock garden. A shrubby variety, growing 1 foot high. The pale yellow flowers bloom May to July.

ANCHUSA (Alkanet)

Barrelieri

Early Bugloss. A delightful early blue flower, more compact and bushy in growth than Anchusa italica, Dropmore. Blooms in May and is covered with small, dark blue flowers with pinkish yellow throats. About 2½ feet high and thrives in full sun.

Dropmore Variety

Rich gentian blue; one of the earliest of the blue flowers. Plants form beautiful specimens, 3 to 4 feet high. One of the most exquisite blue flowers for the garden. June to August.

*Myosotidiflora

This Dwarf Anchusa comes into bloom in May, and continues blooming for about six weeks. The flowers somewhat resemble Forget-me-nots but are the brilliant blue of the tall Anchusa. It grows about 1 foot high and is admirably adapted to rock garden or borders.



Pink Anemone

ANEMONE JAPONICA (Windflower)

Queen Charlotte

One of the most beautiful plants in our Fall gardens, blooming in September and October. Grows about 18 inches high and is excellent for cut flowers in the house. Semi-double; beautiful light pink.

September Charm

A lovely new variety, a cross between Anemone Hupehensis and Japonica Queen Charlotte, combining the good qualities of both. Flowers of lovely silver-pink, shaded with rose and mauve, are produced in great profusion from September to hard frost. Height 2 feet.

Price: 50c each; \$5.00 per dozen

Whirlwind

Semi-double, pure white.

ANTHEMIS (Hardy Marguerite)**Kelwayii**

Large golden yellow daisy-like flowers produced continually all summer. Fine for cutting and does well in the poorest soil. Height 2 feet.

ARABIS (Rockcress)***Albida**

The gray leaf "Rockcress." Spikes of white blooms in April and last well into the Summer.

***Ferdinand-Coburgi**

A lovely cushion rock cress with neat green rosettes and white flowers in the spring. 6-8 inches high. This variety never becomes straggly and is attractive in the winter.

Price: \$3.50 per dozen; \$25.00 per 100

***Florepleno**

Double flowering form of the above; flowering two weeks later. 12 inches.

ARENARIA (Sandwort)***Montana**

Covered with white blossoms in early Summer.

ARMERIA***Lauchiana**

Adapted to growing in pockets between rocks. Vivid pink flower, borne on 5 inch stems; flowering May and June.

ARTEMISIA***Frigida**

A dwarf silvery type, very aromatic 12 inches high. A lovely subject for the rock garden or for the dry wall. Soft yellow mist during May and June.

Price: \$3.50 per dozen; \$25.00 per 100

Lactiflora

One of the most useful tall plants we have, blooming in August and September. Grows about 4 feet high and makes a splendid foliage background for Phlox and Summer Lilies. The milk white bloom is borne on graceful sprays, producing a lacy effect.

Silver King

A very useful plant, growing about 3 feet high and blooming in early Summer. Producing beautiful sprays of mist like flowers with silvery gray foliage adding an effect of lightness among the dark green foliage of the other perennials in bloom at that time.

ASTILBE—See Spiraeas

Aubrieta

AUBRIETA***Hendersonii (Wallcress)**

Charming tiny, rich purple flowers in earliest spring, making a perfect sheet of color in the rock, wall or garden.

***Liechtlini**

Same as Hendersonii with rosy pink flowers.

***Mrs. Lloyd Edwards**

Beautiful crimson-purple variety.

AQUILEGIA (Columbine)

These native flowers of North America are wonderfully useful as cut flowers. Will grow in any location, but give best results in well drained and sunny position. One of the best known hardy perennials. May and June.

HOWARD'S HYBRIDS

The Rocky Mountains have given us many beautiful flowers, but nothing to touch these marvelous Aquilegias with their lovely pastel shades, as delicate as a fleecy cloud in a Summer sky of palest blue. These charming colors run from light blue through all the shades of light pink, creamy white, delicate lavender, to brilliant scarlet. When massed in mixed colors in the perennial border they give an effect of airy daintiness not surpassed by any other flower. Assorted colors.

***Alpina**

Lovely blue and white flowers, 10 to 12 inches high. Blooming May and June.

PRICE

50c per plant, \$3.00 per dozen

\$20.00 per 100

unless otherwise noted



Aquilegia, Howard's Hybrids

HARDY ASTERS (Michaelmas Daisy)

These lovely Fall flowering subjects, which are natives of North America and absolutely hardy in any section of the country, deserve much more extensive cultivation. The following varieties are well worthy of a place in every garden, since they are so distinct in type and novel in colors. The size of the flowers may be very greatly increased if the clumps are divided each Spring, and each plant grown to a single stem. The central growing tip should be pinched out to induce branching. This makes a sturdy plant that requires very little support and keeps the height about 3 feet.

Anita Ballard

Soft corn-flower blue. Flowers two inches across. Very early and very free flowering. The broad ray florets are recurved with pale silvery undersides. Height 3 feet.

Barr's Pink

Lovely light mallow pink with stiff petals and a brilliant golden center growing from 3 to 4 feet high. Well branched and the flowers are admirably spaced and give the appearance of a gigantic head of pink.

British Queen

Soft lavender blue, semi-double, unusually large, open flowers with pale yellow center. A vigorous growing, well branched plant that comes into bloom early September. Height about 4 feet. Excellent for cutting and decorative work.

James Kelway

A bright blue, single, keeps its color well and has fine, stiff branching habit. A very attractive companion to St. Egwin. 3½ feet high.

Lavender Queen

Strong, erect branching growth about 3½ feet high. Pure lavender fringed petals, with golden center. Very attractive new seedling.

Marne

One of Mr. E. Beckett's new varieties bearing soft pink flowers with yellow centers, blooming in September. 2½ feet high.

Royal Blue

This is a large blue, apparently double at first, but when afterwards it opens fully, it forms a distinct cup shape flower with a golden disk at the bottom. Medium height. Blooms early September. 2½ feet high.

Snowdrift

Dwarf: branching pyramids of large snowwhite semi-double flowers. Mid-season bloom.

Skylands Queen

Exceptionally large lavender blue flowers with clear yellow center. A very decorative flower in the border, and most attractive as a cut flower. It blooms during late August and September, and grows about 3 feet high.

St. Egwin

Lovely shade of light pink, very bushy form, about 3 feet high, blooming mid-September.

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100, unless otherwise noted

**Wonder of Staefa****Wonder of Staefa**

Exceptionally large flowers, almost 2½ inches across, of a soft wisteria-violet shade, with large yellow centers. This Aster has a longer blooming period than any other variety, flowering from late August to frost. The habit of growth is open and branched, so that the individual flowers are displayed to their fullest beauty. We consider it both for cutting and table decorations the finest Aster introduced so far.

Price: \$5.00 per dozen, \$35.00 per 100

***Alpinus**

A dwarf Aster 6 to 8 inches high for the rock garden, or the edge of the border. Large violet blue flowers in May and June. Plant in full sun.

***Alpinus Goliath**

A variety of the above with large showy blush purple flowers. Very fine.

**Aster Alpinus**

BAPTISIA (False-indigo)
Australis

Very attractive dark blue, pea shaped flowers in long curving racemes, somewhat similar to Lupines, but more hardy in every way. Blooms in June and is about 2 feet high. Suitable for the hardy border or wild garden and not at all particular as to soil requirements.

BOLTONIA (False-camomile)
Asteroides

Flower heads pure white; flowering at the same time as the popular Michaelmas Daisies. 5 to 6 feet.

Latisquama

Beautiful pink flowers. Same type as above. 5 feet.

BUDDLEIA
Veitchiana

Beautiful violet mauve; a splendid Summer flowering shrub, absolutely hardy under any conditions; flowers are borne on long, cylindrical spikes, 12 to 15 inches in length; flowers the first season it is planted; a beautiful plant. 3 to 6 feet.

Magnifica Gigantica (See Shrubs)

CERASTIUM

***Tomentosum**

Silvery, low-growing foliage plant which is used very largely for planting dry, sunny spots. Carpet growth. May to mid-June.

CAMPANULAS

(Canterbury-bells or Bellflower)

These lovely flowers have great variety of color and form and the taller varieties are useful for cut flowers as well as in the hardy border.



Medium

Blue, white, mauve and pink.

Calycanthemum

Cup-and-saucer. Blue, white, pink.

Double

Blue, white, pink.

Persicifolia (Telham Beauty Hybrids)

These very beautiful light blue bell like flowers appear in June and July on 2½ foot stems. The great advantage of this type is that it is Perennial and these particular hybrids have much larger flowers than the former Campanula Persicifolia.

This also comes in the large flowered white form of the above.

Persicifolia Fl. Pl. Humosa

A very showy dark blue double flower.

**Price: 50c per plant, \$5.00 per dozen
\$35.00 per 100**

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100, unless otherwise noted



Campanula garganica

***Carpatica Blue**

A dwarf variety well suited to the rock garden, blooming from June to mid-October, a lovely blue flower on a slender stem 9 to 10 inches high.

***Carpatica Alba**

White form of the above.

***Garganica**

A very choice gem for the Rock Garden. It is very hardy, blooms from late June to September. Is a heavenly blue, and has trailing habit of growth, but at the same time is neat. The foliage is almost as distinctive and attractive as the flower; 3 to 6 inches high.

Price: 50c each, \$5.00 per dozen

***Muralis or Portenschlagiana**
(Dalmatian Bellflower)

A charming variety for rock garden and walls. Dark blue flowers in May and June, on plants 3 to 5 inches high.

CENTAUREA (Knapweed)
Montana

The Perennial Cornflower. Producing large, violet blue flowers from July to September. 2 feet high.

CIMICIFUGA
Simplex

A fine late flowering variety blooming September and October. Flowering stems 2½ to 3 feet high. Very showy in the border and lasts a long time when cut. Spikes of pure white flowers 4 to 6 inches. An excellent plant for partially shaded spot.

Price: \$1.00 each, \$10.00 per dozen

CHELONE (Shellflower)**(See also Penstemon)****Barbata**

Hardy border perennial of Penstemon-like habit, producing long spikes of brilliant, scarlet flowers. Has not been grown very extensively in this country as yet. Height 3 feet. July to September.

Shell Pink

A delightful new form of the above, being the same hardy border plant, but the color is a wonderful shell pink, and the plant grows about 24 inches high. It comes into bloom in July and if the first bloom is cut back after the flowers have faded, it will send up second and third growth to carry the bloom into early September.

Price: 50c each, \$5.00 per dozen**CHRYSANTHEMUM MAXIMUM****(Shasta Daisy)****Elder Daisy**

One of the finest and earliest Shasta Daisies we have ever seen. Begins to flower early in May producing a profusion of large glistening Daisy-like white flowers on sturdy stems. 2 feet high. Is splendid in the border and cannot be excelled, as a cut flower in the early season. Very hardy and adaptable to all types of soil, but requires full sun for proper development.

The Speaker

Flowers very large. One of the finest of the new Shasta Daisies.

Triumph

A very fine large flowered variety.

CONVALLARIA (Lily-of-the-Valley)

The most familiar hardy perennial we list. An excellent plant for shady situations. Spikes from 8 to 10 inches high. Small, bell shaped pure white flowers, blooming in early Summer. Very fragrant.

**Daphne Cneorum****Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100, unless otherwise noted****Chelone (Shell Pink)****COREOPSIS (Tickseed)****Lanceolata Grandiflora**

Rich golden yellow. One of the finest flowers for cutting ever introduced to cultivation. Height 3 feet. June to September.

DAPHNE (Garlandflower)*Cneorum**

The beautiful, low growing evergreen shrub, of trailing habit, covered with garlands of fragrant pink flowers from mid-April to the end of May. A most adaptable hardy plant, ideal for the herbaceous border, edging the shrubbery border or in the rock garden.

Price: \$1.50 per plant, \$15.00 per dozen**DIANTHUS*****Annie Laurie**

This hardy Carnation blooms from May until November, is a delight to all who grow it. The color is a clear orchid pink with wine red center. It is fragrant and perfectly hardy.

***Alpinus**

Choice Rock plants, with bright rose colored flowers; 1 to 1 1/2 inches across. 2 to 4 inches high.

Price: 50c each, \$5.00 per dozen

***Arenarius**

Especially suitable for hot, dry situations; loves sand and sun. The blooms are white fringed and fragrant, appearing in June, continuing for several weeks.

***Beatrix**

A fine new hardy garden pink, which is becoming very popular. The flowers of a lovely salmon-pink color are very fragrant and freely produced in May and June, and thruout the season, if kept from seeding.

Price: 50c per plant, \$3.50 per dozen, \$25.00 per 100

***Highland Queen**

The most showy and brilliant of the Perennial Dianthus. Bright lustrous crimson flowers are borne in great profusion from May to November. This new variety is very hardy and unexcelled for the border or rock garden.

***Plumarius (Perpetual Pink)**

The old-fashioned hardy pinks with that elusive spicy clove fragrance. They range from white with red eye to deep pink. These delightful plants require well drained soil and full sun.

DICTAMNUS**(Gasplant or Burningbush)**

An old garden favorite which has a strong smell of lemon and will sometimes give a flash of light on a sultry Summer evening when a lighted match is held near the flowers. Succeeds well in partial shade or full sun. Should not be moved after once established.

Price: 75c per plant, \$7.50 per dozen

Fraxinella Rubra

Rosy pink blooms in early Spring; glossy, handsome foliage throughout the season. 3 feet high, suitable for border or specimen plant.

Price: 75c per plant, \$7.50 per dozen

Fraxinella Alba

Pure white form of above.

Price: 75c per plant, \$7.50 per dozen

DIELYTRA (Bleedingheart)***Eximia**

Fringed Bleedingheart. A dwarf Bleedingheart that literally blooms all season. It grows about 12 to 15 inches high, has very finely cut foliage and graceful racemes of pink, heart shaped flowers. It comes into bloom in May and flowers continuously until late October.

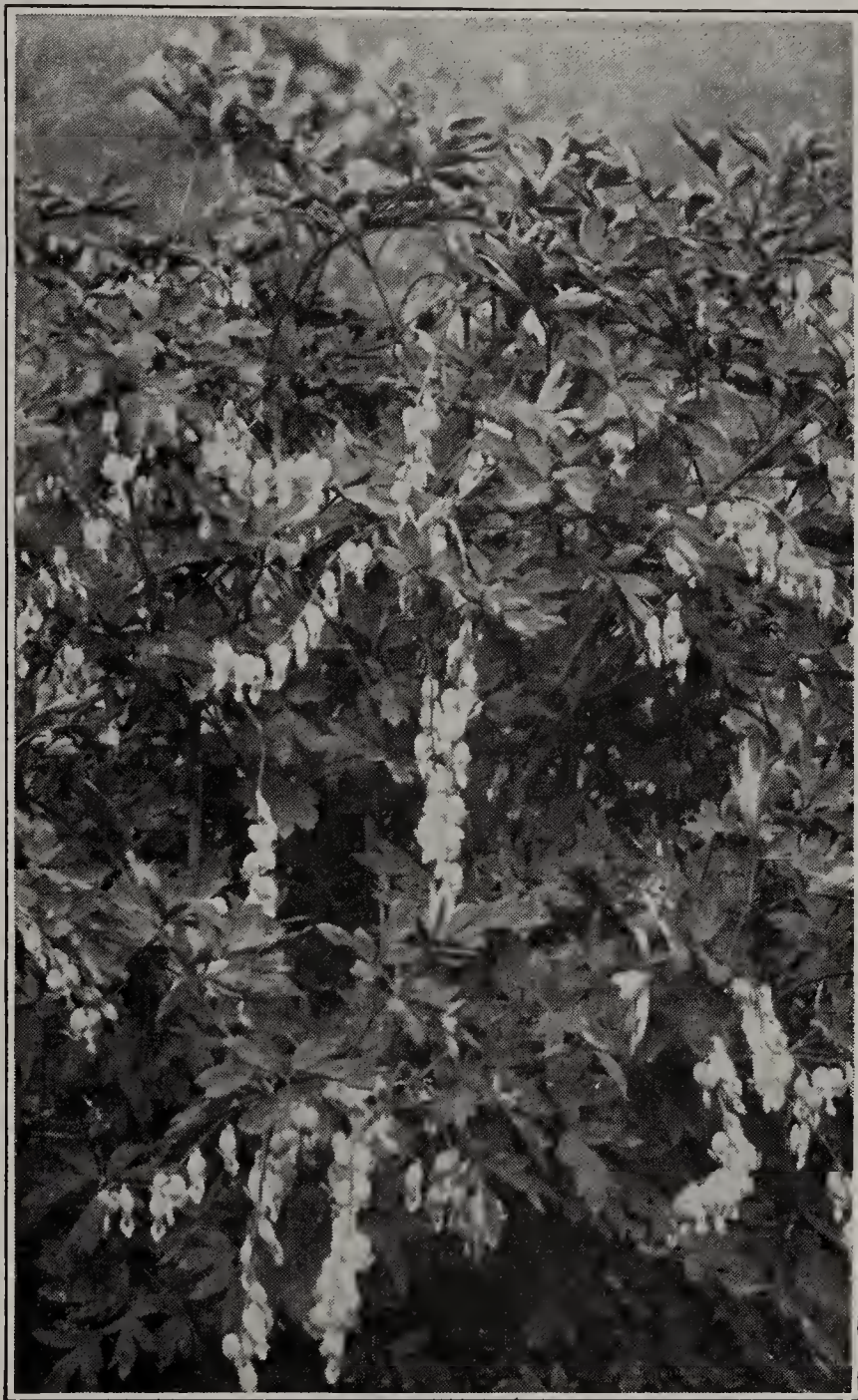
Price: 50c per plant, \$5.00 per dozen

Spectabilis

Graceful, heart shaped, pink flowers; one of the choicest memories of old-fashioned gardens. Especially valuable for planting in shady spots. 2 feet. April and May.

Price: 75c per plant, \$7.50 per dozen

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100, unless otherwise noted



Bleeding Heart

DIGITALIS (Foxglove)

A very attractive addition to the herbaceous border, thriving in sun or partial shade in light, rich loam. Blooming in June and July.

Alba, Rose, Sutton's Apricot, Giant Primrose.

The Shirley Foxglove

Exceptionally tall stately plants of very vigorous growth with wonderful blooming spikes, 3 feet long. In assorted colors only, ranging from palest pink to deepest rose with crimson dots.

Ambigua

This is a Perennial Foxglove that has three or four flowering spikes of creamy yellow, and comes into bloom with the Belladonna Delphiniums, making a charming combination when planted together. Height 2½ feet.

DORONICUM (Leopardbane)**Caucasicum**

A very showy daisy-like flower of clear bright yellow, blooming in April and May. The most pleasing color scheme results, when this is planted with Phlox Divaricata Laphamii. Very hardy and succeeds well in full sun or semi-shade. Height 1½ feet.

Price: 50c each, \$5.00 per dozen, \$35.00 per 100



Delphiniums

If you have seen our Delphinium fields in full flower, the tall regal spikes of loveliest color, ranging from palest pink, mauve and blue to the deepest purple, you will agree, that no garden is complete without our Delphinium.

For many years we have been specializing in this flower using infinite care and patience in the selection of our named varieties, so that today our Delphiniums lead the world.

CULTURAL NOTES

Good drainage is of prime importance in growing all types of Delphiniums. If the ground is heavy, mix coal ashes or sand to lighten the soil. Plant 18 inches apart each way in groups of three and five.

The ground should be deeply dug and pulverized and lime applied at the rate of a double handful to each square yard before the plants are set.

Lime should be applied every Spring and Fall after the plants are growing. After blooming, if the flower stalks are cut back to within 4 inches of the ground and bone meal is worked in near the crown, the plant will bloom several times during the season. Bone meal applied at the rate of a handful to each plant will be sufficient fertilizer.

After the ground is frozen, cover the crowns lightly with straw or marsh hay. Never, under any circumstances, mulch with manure.

Mildew and other fungus diseases may be controlled by spraying the crowns with Bordeaux or some good fungicide. When black rot is discovered, remove the plants and several inches of dirt, where it has been growing, and disinfect the ground with Semesan. There is no cure for this dread disease. An ounce of prevention is truly worth a pound of cure with this disease.

Study your plants and their culture to grow Delphiniums well. With the present day varieties you can get more pleasure and satisfaction out of growing Delphiniums than any other hardy perennial. For best results use the varieties listed on the succeeding pages.

NAMED VARIETIES

Our named varieties are all double and exceptionally large individual flowers. Only the very best are selected for this group and we would suggest that as we have a limited supply of some varieties, that we be permitted to substitute in the nearest color and type we have to the variety you send for.

"Named Varieties" at \$3.00 each per plant
\$30.00 per dozen

CLARICE

Large, double soft pink flowers forming a compact spike. One of the best in light shades.

COUNTESS COWLEY

The spike is magnificent, the eye is black and the flowers are of splendid shape and substance. The outer petals are sky blue and the inner petals are varying shades of mauve. It is very double and in all respects a gorgeous type of Delphinium.

JAMES W. KELWAY

Bold, tall spikes, clear bright blue and deep mauve with a distinct white center combines well with the light or dark varieties; very vigorous growth and about 5 to 6 feet high.

LADY MAY

Large double flowers of light blue and mauve shades with inner petals touched and edged with black and a dark center.

LE DANUBE

Lovely pale blue with delicate lilac pink centers. An old variety, but one that is very popular; not prone to disease and is wonderfully free flowering.

LOVELY

Outer petals porcelain blue with mauve pink inner petals and clear white eye. A magnificent spike of flower. 5 feet high. Truly "Lovely."

MILLICENT BLACKMORE

Soft medium blue and violet mauve with black irregular center.

MRS. NEWTON LEES

Mauve edged with Chinense blue with a very distinctive tan center, very full double flower to be classed in the group of dark shades.

QUEEN MARY

A charming combination of light blue and pink, with a pure white center. Tall, well filled spike and a general favorite with all who see it.

QUEEN MAUVE

Lovely, deep mauve with light center, particularly attractive contrast when planted with Violet Robinson.

SIR DOUGLAS HAIG

A fine spike of medium blue and rosy mauve combined with a dark center; a splendid color contrast with "Lovely" or "Clarice."

VIOLET ROBINSON

Very dark rich purple outer petals tipped with bright blue, very prominent white center, striped with purple.

LORD LANSDOWNE

For those interested in adding clear bright delphinium blue to their gardens, the color that "carries" so well, we would suggest groups of "Lord Lansdowne" in the Perennial border. As this is a single variety, we are listing it at \$1.50 per plant; \$15.00 per dozen.

We cannot too strongly emphasize the gardenesque value of this lovely blue with the clear white eye, that makes such a splendid showing.

"SEPARATE COLORS"

Fine Types—not named, selected in three colors, light blue, dark blue and "shades of mauve."

Price: \$1.00 each; \$10.00 per dozen

"RUN OF FIELD"

In this group the plants are the same age and size, as the above, but are not marked, as to color or type. The customers are always delighted with the assortment, as no two are exactly alike.

Price: 50c each, \$5.00 per dozen

**OTHER TYPES**

**Price: 50c each; \$3.00 per dozen
\$20.00 per 100**

Belladonna

Sky-blue, beautiful sprays; large flowers with white centers, one of the best known. Height 2 to 3 feet. Blooming June and July.

Chinense Blue

Clear bright Chinense blue, a splendid carrying color in the garden. 20 to 24 inches high. Blooms June to frost.

Chinense Alba

Pure white form of the above. This variety when used in conjunction with the blue mentioned above is very effective. 20 to 24 inches.



Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100, unless otherwise noted

ERIGERON (Fleabane)

A very fine hardy Perennial growing about 18 inches high, and in June and July bearing a profusion of aster-like flowers. Showy in the border and unexcelled for cutting.

Mrs. E. H. Beale

A fine new variety with very large blue flowers.

Pink Pearl

Flowers of a lovely shade of soft mauve-pink.

EUPATORIUM (Hardy Ageratum)**Conoclinium or Coelestinum**

A splendid border plant with lavender blue. Ageratum-like flowers, adding blue to the border from August to frost. 1 1/2 to 2 feet high.

FUNKIA (Plantainlily)**Lancifolia**

Very useful for borders and in partial shade. Late in season it produces a spike of lavender flowers. Plant does not attain a height of over 10 inches, but flower stalks will run up to about 2 feet.

GALLARDIA (Blanketflower)**Grandiflora**

One of the best known Hardy Perennials, growing to a height of about 20 inches. Blooms from early June until frost. Flowers rich red brown, edges of petals bright golden yellow.

GEUM (Avens)*** Borisii**

A new variety of dwarf habit with warm blood orange flowers on 8 to 10 inch stems. Free flowering from May to July, and often again in the fall.

Price: \$5.00 per dozen;

Lady Stratheden

A recent introduction in great favor, having all the good qualities of Mrs. Bradshaw; the flowers are a bright golden yellow, blooming from June to October. Perfectly hardy, but requires full sun and a fairly light soil.

Mrs. Bradshaw

A new, large, double, scarlet variety, blooming the greater part of the Summer and Fall. Height 15 inches.

Princess Juliana

Rich glowing orange, the best Geum introduced to date.

Price: 50c each, \$5.00 per dozen

THE BETTER GYPSOPHILA**Bristol Fairy**

Bristol Fairy has all the virtues of the popular Gypsophila paniculata, flore-pleno as a garden and landscape subject. It is sturdier, more graceful, and has much more distinct white flowers. Best of all, it is an all-Summer plant, blooming periodically from June till frost.

Price: 50c plant, \$5.00 dozen

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100, unless otherwise noted



Gaillardia

*** Repens**

A creeping Baby's Breath for the rock garden, with dainty blush white flowers in June and July. Height 4 inches.

HELENIUM (Helenflower)

This magnificent perennial during its blooming season from early August until middle of September, literally produces hundreds of beautiful, from yellow to bronze, colored flowers.

Autumnale Superbum

Broad, spreading heads, deep golden yellow flowers. One of the most striking flowers in cultivation. 5 to 6 feet.

Autumnale Rubrum

Similar to Superbum, but has bright, terra cotta red flowers; makes a wonderful display during the month of September. 5 to 6 feet.

*** HELIANTHEMUM (Rockrose)**

An evergreen rock plant that fills spaces between rocks and softens edges of shelving rocks. Besides its outstanding value in the rockery, it makes a beautiful edge for the hardy border, and will grow well on sunny dry banks.

The plants are covered with dainty little rose like flowers during June and July.

Mrs. Earle

A very fine double red.

Mixed Colors**HELIOPSIS (Orange Sunflower)****Imbricata**

Large double brilliant yellow sunflowers produced in great profusion from July to frost. Splendid for cutting. 2 to 2 1/2 feet.

Multiflorus Flora Plena

Deep golden yellow with quilled petals, similar to a Dahlia. Height 4-5 feet. Flowering August and September.

HEMEROCALLIS (Daylily)**Luteola Major**

A great improvement on "Luteola" or "Florham," with much larger flowers.

Aurantiaca

Bright orange Daylily, 2½ to 3 feet, sweetly scented. Blooms in July.

Citrina

Beautiful, light, lemon colored flowers, blooming in August and September, after the other varieties are past their bloom. Tall slender stems 4 feet high.

Dr. Regel

Deep orange, beautiful, large, wide open flowers; very fragrant; blooms June and July. Height 2 feet.

Flava

Fragrant clear yellow flowers. Blooms earliest of these charming Lilies, coming in May and June, and is useful as a cut flower as well as in the herbaceous border. 3 feet high.

Gold Dust

Bright yellow flowers, buds and reverse of petals bronzy gold; flowering in May and June. 2 to 3 feet high.

Sovereign

Chrome yellow, flowering June and July, very attractive, about 2½ feet.

Thunbergi

Blooming in late July. This comes after the other varieties. Is a rich clear lemon yellow. 3 feet high.

HEUCHERA (Coralbell)

Few hardy Perennials lend themselves to as many uses in the garden as Heuchera. It makes a beautiful border with its rosettes of heart shaped leaves, that remain green most of the Winter.

From late June to September they send up slender spikes 18 inches high, covered with small bright coral-bells. It is also ideal in the Rock Garden and fills an important blooming period in the herbaceous border. As a cut flower, it keeps well and is most attractive used with other flowers for a table decoration.

Sanguinea

Pale pink to vivid crimson.

HESPERIS (Sweet Rocket)

Showy, terminal, pyramidal, fragrant spikes, resembling stocks; blooming from June to August. Splendid for naturalizing in semi shady places. 2 to 3 feet. In separate colors—lavender and white.

HOLLYHOCK

No old-fashioned garden is complete without Hollyhocks. Their stately spikes produce bold effects that cannot be obtained with any other flower. We offer the best assortment of double kinds.

Rose Queen, Crimson King, Golden Beauty, Prince of Orange and White Queen.

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100, unless otherwise noted



Hemerocallis (Day Lily)

HYPERICUM***Polyphyllum**

A charming trailing species with large golden yellow flowers. A fine rock plant. Blooming all summer.

IBERIS (Hardy Candytuft)

Among the many species of plants particularly suitable for dwarf beds, borders and the rockery, none surpass the hardy Candytufts in making a rich showing during their flowering season. The foliage also is quite ornamental, being evergreen most of the Winter.

***Gibraltarica**

Delicate pink; dwarf in habit and completely covered with small pink flowers. Mid-April to mid-May.

***Sempervirens**

Pure white flowers which completely cover the plants in May. About 15 inches high, and splendid for edging, borders and Rock Gardens.

***Sutton's Delicate Pink**

Attractive pink flowers completely covering a compact plant. Height 4 inches.



German Iris Planting

Tall Large Flowering Bearded Iris

FLEURS-DE-LIS

Between Tulip time and Rose time the mainstay of the garden for masses of color is found in the modern forms of the bearded Iris. The all-pervading loveliness of a garden well planted with the choicer forms of the older and the newer introductions is breath-taking. In no flowers are returns surer or more satisfying.

Buy Irises, plant Irises, until you have a good collection, and when the lure of May and June is upon your garden you will agree that you have never had so much “carefree” beauty.

CULTURE AND PLANTING

Do not use manure. Lime the thoroughly prepared bed well and give an annual top-dressing of lime in the Fall, with a top-dressing of bone meal in early Spring. Do not plant in deep shade. Open woodland paths, if well drained, make admirable locations for broad masses of Iris. In planting, spread fibrous roots as much as possible and barely cover the rhizomes. Space 3 feet apart and wait for clumps to form; or 1 foot apart for more immediate effect.

The ideal time for planting Iris is during the months of July, August and September; when they have finished flowering, and unless our customers particularly request Spring delivery, we will ship all Iris orders during these months.

In the description, “S” is used to designate the standards or upright petals; “F” the falls or drooping petals.

Standard Varieties

Price: 50c per plant, \$2.00 per dozen, \$15.00 per 100

BEACONFIELD

Grayish white, peppered reddish purple.

CATERINA

Soft bluish lavender.

CELESTE

Light lavender blue.

DALMARIUS

S. satiny gray. F. lavender with yellow beard.

ELDORADO

Yellow brown and heliotrope.

IRIS KING

S. old gold. F. rich maroon bordered yellow.

JEANNE D'ARC

A wide open flower with ruffled edges lightly traced in pale lilac, with the entire style branches a fresh, clear lilac. 32 inches.

LOHENGRIN

A. M., R. H. S. A. A large flower, both S. and F. in shades of Cattleya mauve; petals very responsive to the strength or softness of the light. A plant of vigorous habit and good foliage. 32 inches.

LORELEY

S. clear pale yellow. F. raisin purple with yellow edge. This variety possesses in a superlative degree what the garden colorists call "carrying-quality." No other Iris in our collection is more admired.

MADAME CHEREAU

S. and F. white, frilled clear blue; very lovely. 3 feet.

MANDRALISCAE

S. deep blue; F. violet mauve with pale yellow, striped throat; 3 1/2 feet high.

MRS. ALAN GRAY

S. and F. soft pinkish lilac. Blooms with the intermediates and invariably for us sends up spikes of bloom in the Autumn. No Iris is lovelier in mass. 30 inches.

NIBELUNGEN

S. fawn. F. bronzy purple edged fawn.

PERFECTION

S. light blue; F. black violet. A very free blooming sort and most effective as a dark foil for the lighter.

PLUMERI

S. rose mauve with metallic shadings. F. deeper.

PROSPER LAUGIER

A bronzy red; F. ruby velvet. The feeling of gold in its tones makes it the needed touch in a border of shades of yellow. Excellent also with creamy whites.

QUAKER LADY

S. smoky lavender, shaded with gold; F. amethyst blue with yellow shadings. Styloid petals and beard yellow. To emphasize its charm of coloration, plant with Aurea and Mrs. Neubronner.



QUEEN ALEXANDER

Mauve blend.

RHEIN NIXE

A. M., R. H. S. Standards clear white; F. rich raspberry purple with white edge. Tall, vigorous branched spikes. 3 feet.

WYOMISSING

S. creamy white suffused rose. F. deep rose shading to flesh.

**Price: 50c per plant, \$2.00 per dozen
\$15.00 per 100**

SIBIRICA. VARIETY ORIENTALIS

These are grassy-leaved Irises retaining lovely flowering foliage throughout the season and blooming just at the close of the bearded Iris season. The delicately poised blossoms are attractive and valuable both for cutting and garden decoration.

White.

Price: 50c per plant, \$2.50 per dozen

Shades of Blue.

Price: 50c per plant, \$2.00 per dozen

Special Offer

We have a fine lot of Iris, different varieties, which we do not have enough of anyone variety to catalogue, and will send a collection of these plants to anyone, who wishes to have a few Iris, either in their hardy border or around their home, and will make a special price of **\$1.00 per dozen** for this stock.

Dwarf Irises

Price: 50c each, \$2.50 dozen, except where otherwise noted



Cristata

*CRISTATA

A dainty creeping species; flowers rich amethyst blue, striped orange; increases rapidly. A little gem for borders, rock work or low massing. It is happier in locations that are shaded a part of the day. Given these conditions and time to mass, it will delight all who try it.

*PUMILA ATROVIOLOACEA

Purple.

*PUMILA CYANEA

Large flowered bluish purple, variety.

*TECTORUM

Blue.

Price: 50c each, \$5.00 dozen

Japanese Iris

These magnificent Irises are a truly gorgeous sight and extend the Iris season well into July. The colors are many and brilliant, and add greatly to any garden.

They thrive in any good, mellow clay loam and while they like plenty of moisture during the growing season, flooding with water is not a necessity, as many suppose. It is essential to keep the ground well stirred. Be sure water does not stand over them in Winter.

Price: 50c each, \$2.50 dozen except where otherwise noted

BETTIE F. HOLMES

The improved "Gold Bound," pure white in color with a midrib of lemon yellow. Flower much larger than Gold Bound, foliage and growing habit superior to any other Japanese Iris in cultivation.

Price: 50c per plant, \$5.00 per dozen

BLUE JAY. Double sky blue, distinct white lines on each petal.

DOMINATOR. Single. A dark violet blue, lighter veinings of orange at base of falls; makes a splendid spot of color in the July garden. Upright standards, very large, horizontal falls.

GOLD BOUND. Double. Large, double white, enriched by a creamy glow, from the gold banded center.

PINK GEM. Single, very large, slightly drooping falls; lovely soft mauve-pink; veinings of darker shade of pale yellow at base of falls.

PYRAMID. Double violet purple, veined white in center of each petal.

RED RIDING HOOD. Single; fine amaranth, veined and suffused white.

"ROSE-ANNA." Double, mauve lavender, darker halo. Petals of soft, crepe like texture, with yellow blotch at base.

VIOLET BEAUTY. Large, single flower of a rich, dark violet purple, with long, conspicuous yellow center and graceful, crepe like texture. A tall growing variety, very showy in garden.



Violet Beauty

Lilies

(Cultural Notes)

Most Lily bulbs may be planted either in the Spring or Fall. The most important factor in growing Lilies is that they should have good drainage. Manure or commercial fertilizer should never be allowed to come in direct contact with the bulbs, as this is often the cause of rotting and disease. In planting, dig the hole 6 inches deeper than the bulb is to be set and place some well decomposed leaf-mold in the bottom of the hole. Over this, place an inch or two of sand. The bulb is then placed on the sand. A mulch of peat moss or leafmold is very necessary during the Summer, with straw and leaves for Winter covering.

LILIUM AURATUM

The Goldband Lily of Japan

Flowering in July and August. Large, pure white flowers with gold band and crimson spots, very fragrant. Does not like lime. Plant bulb 9 to 12 inches deep.

Price: 50c each, \$5.00 per dozen

LILIUM CANDIDUM

Ascension or Madonna Lily

This is the Lily grown in all old-fashioned gardens; five to eight pure white flowers, borne on stems 3 to 4 feet high. Delphiniums grouped with these beautiful Lilies make a charming combination in the hardy border during the month of June. Plant 3 inches deep.

**Price: 50c each, \$5.00 per dozen
\$35.00 per 100**

Six-inch pot plants for spring planting outside. Delivery April 1st.

Price: 75c each, \$7.50 per dozen

ELEGANS

A hardy dwarf Lily doing well in ordinary garden soil. Large erect flowers in shades of orange, red and yellow. Blooms June and July. Height 1 1/2 to 2 feet. Plant 6 inches deep.

Price: 50c each, \$3.00 per dozen

Alice Wilson

Clear lemon yellow variety.

Price: 50c each, \$5.00 per dozen



Lilium Regale



Lilium Auratum

Orange Queen

Large orange flowers, spotted black. Very fine.

Price: 50c each, \$5.00 per dozen

LILIUM HENRYII

Very similar to Speciosum except in coloring, which is a gorgeous orange yellow with a green stripe down the center of each petal. This Lily blooms in August and September, which makes it very valuable for the last Summer garden. It is perfectly hardy and has no particular soil requirements. Plant 10 inches deep.

Price: 75c each, \$7.50 per dozen

REGALE or MYRIOPHYLLUM

Flowers white, slightly suffused pink, with a beautiful shade of canary yellow at the center. Delightfully perfumed, reminding one of the Jasmine. Blooms out of doors early in July. Absolutely hardy. Plant 8 inches deep.

**Large size 75c each, \$7.50 per dozen;
small size, 3 bulbs \$1.00; 12 bulbs \$3.50**

SPECIOSUM RUBRUM MAGNIFICUM

Always satisfactory in the perennial border, perfectly hardy and blooming late into September. Flowers white, shaded and spotted with rose and very fragrant. A graceful stem, 3 to 4 feet high, carries from three to twelve beautiful blooms that open gradually, prolonging the blooming season. Plant 10 inches deep.

Price: 50c each, \$5.00 per dozen

LILIUM SUPERBUM

One of the hardiest Lilies grown. Has large clusters of bright reddish orange flowers conspicuously spotted with brown. Excellent for planting near streams or for naturalizing among shrubs. Prefers partial shade, but will thrive in full sun if the ground is kept cool with leafmold. Blooms June and July. 4 feet high. Plant 5 inches deep.

Price: 50c each, \$5.00 per dozen

***LILIUM TENUIFOLIUM**

This fascinating Lily is imported from Siberia and is one of the best varieties we have for Rock Garden work. It is a very dainty grower with small, narrow leaves and attains a height of about 18 to 20 inches. The flowers are deep scarlet in color and the petals turn back showing the center to its best advantage. Should be planted about 4 inches deep, and is one of the finest of the June Lilies.

**Price: 50c each, \$5.00 per dozen
\$35.00 per 100**

LILIUM TIGRINUM**Simplex Splendens**

The well-known Tiger Lily that flourishes in all situations, is hardy and easily cultivated. Bright orange red flowers thickly dotted with purple spots. Admirably adapted for mass plantings against shrubbery. Blooms July and August. Plant 9 inches deep.

Price: 50c each, \$5.00 per dozen

UMBELLATUM**Grandiflorum**

One of the hardiest and most easily grown Lilies, doing well in ordinary garden soil. In June large orange-red flowers are produced. Height 18 inches to 2 feet. Plant 8 inches deep.

Price: 50c each, \$3.50 per dozen

Golden Fleece

A fine variety with flowers of clear apricot, slightly spotted maroon-crimson.

Price: \$1.50 each, \$15.00 per dozen

LIATRIS (Blazing Star or Gayfeather)**Pycnostachys**

Beautiful rocket-like spikes of pale purple blooming in late July and August. Very striking in the border and attracts many butterflies. Grows about 3 to 4 feet high, and is very useful as a cut flower.

Spicata

Pale purple, similar to Pycnostachys in type and color, but earlier in bloom, and not quite as tall.

LINUM (Flax)***Narbonnense**

Forms a dense spreading growth. Blooms profusely from early May to midsummer. Flowers sky blue, most attractive in rock garden or hardy borders, about 18 inches in height.

***Flavum**

This yellow form of the above variety, but more compact in growth, being only a foot high. It is covered with light yellow flowers, during June and July.

***Perenne**

One of the most effective of the blue perennial flowers, growing about 18 inches high and flowers from May to July. When planted in masses, makes a very beautiful show of color.

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100, unless otherwise noted



Lilium Spec. Rubrum

LYCHNIS (The Lamp Flower)**Chalcedonica**

Most desirable variety, orange scarlet. 3 feet high. June to mid-July.

LYTHRUM (Loosestrife)**Roseum Superbum**

Rose color, robust habit. 4 to 5 feet. July and August.

MAZUS***Rugosus**

Trailing growth covered with masses of blue and white flowers. Blooms entire season.

Price: 50c each, \$5.00 per dozen

MECONOPSIS CAMBRICA*AURANTIACA (Welsh Poppy)**

A Perennial of easiest culture for rock garden or border. The orange flowers resembling Iceland Poppies are borne continuously from early summer till frost. 1 foot high.

MERTENSIA (Virginia Bluebells)**Virginica**

Blooms very early in the Spring, making a charming color scheme when planted with Doronicum. Flowers of bright blue, fading to pink and borne on graceful, drooping stems about 1 1/2 feet high.

MONARDA (Bergamot)**Didyma**

Brilliant crimson scarlet flowers, produced in plants about 2 1/2 to 3 feet high, during the months of July and August. Very showy and bright when planted en masse.

Fistulosa

Soft lavender form of the above.

Salmonea (Salmon Pink Beebalm)

A very unusual variety with soft salmon pink heads of bloom, particularly pretty for massing. This plant likes a moist situation, and comes into flower during July and continues until September.

Price: 50c each, \$5.00 per dozen

Violacea

Deep amaranth-red flowers.

MYOSOTIS (Forget-me-not)***Palustris Semperflorens**

No hardy flower is better known or appreciated than this light blue variety. Early and free in bloom. Perpetual flowering type. Prefers a damp location. 6 inches.

***Star of Love**

A dwarf compact variety literally covered with large bright blue flowers. Charming for the rock garden or planted with spring bulbs.

NEPETA (Ground-ivy)***Mussini**

A most desirable border or rock plant with gray green foliage and covered with masses of pale lavender blue flowers. Blooms from May to November if cut back once during midsummer. 1 foot high and has a spread of 12 to 15 inches. Is a splendid ground cover. Especially useful in dry, sunny slopes to prevent washing.



Whitecup (Nierembergia)

NIEREMBERGIA***Rivularis**

Trailing alpine plant; white, cup shaped flowers with gold centers. July to September.

PACHYSANDRA (Japanese Spurge)
Terminalis

An evergreen ground cover unsurpassed for its adaptability to all situations and conditions. As a border for walks and drives it is most attractive. Also splendid for steep slopes in sun or shade, and for dense shade under any kind of trees. Pachysandra is the only plant to thrive under pine trees. It attains a height of about 8 inches.

Price: \$2.00 per dozen, \$15.00 per 100

PAPAVER ORIENTALE
(Oriental Poppy)**Cerise Bedder**

A dwarf variety with large flowers of a lovely shade of rich cerise. Very free flowering.

Price: \$2.50 each, \$25.00 per dozen

Crimped Beauty

Flowers large and beautifully crimped and of a pretty shade of orange-scarlet.

Price: \$2.50 each, \$25.00 per dozen

King George

One of the very finest and largest of the new Poppies. The brilliant scarlet blooms are so much fringed, that the blooms resemble a parrot tulip.

Price: \$2.50 each, \$25.00 per dozen

***May Queen**

Double, glowing deep salmon red. Dwarf; 15 inches high.

Price: \$1.00 each, \$10.00 per dozen

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100, unless otherwise noted



Oriental Poppy

Mrs. Stobart

This gorgeous rose cerise color is most unusual in Poppies and a joyous addition to all hardy perennial borders. Perfectly hardy and will grow in any type soil but require full sun for best development.

Price: \$1.00 per plant, \$10.00 per dozen

Orange Queen

Very lovely and free flowering variety.

Price: \$2.50 each, \$25.00 per dozen

Sass Pink

A wonderful new Poppy with large crepy flowers of a charming shell pink shade.

Price: 75c each, \$7.50 per dozen

PAPAVER (Alpine Poppy)***Alpinum**

Rock Garden poppy growing only 6 inches high with gray tufts of foliage and dainty rose white, orange and yellow flowers.

Price: 50c each, \$5.00 per dozen

(Penstemon)

(See Chelone)

PLATYCODON (Japanese Bellflower)

Very handsome hardy perennial, with beautiful, bell shaped flowers, much like Campanula, blooming in July and August.

Grandiflorum

Very large, deep blue, star shaped flowers. 2 feet.

Grandiflorum Album

Beautiful pure white type of the above. 2 feet.

***Grandiflorum Mariesii Album**

A dwarf variety with white flowers. An exceedingly fine plant for the rock garden, as it flowers in July and August, at a time when there are very few rock plants in bloom.

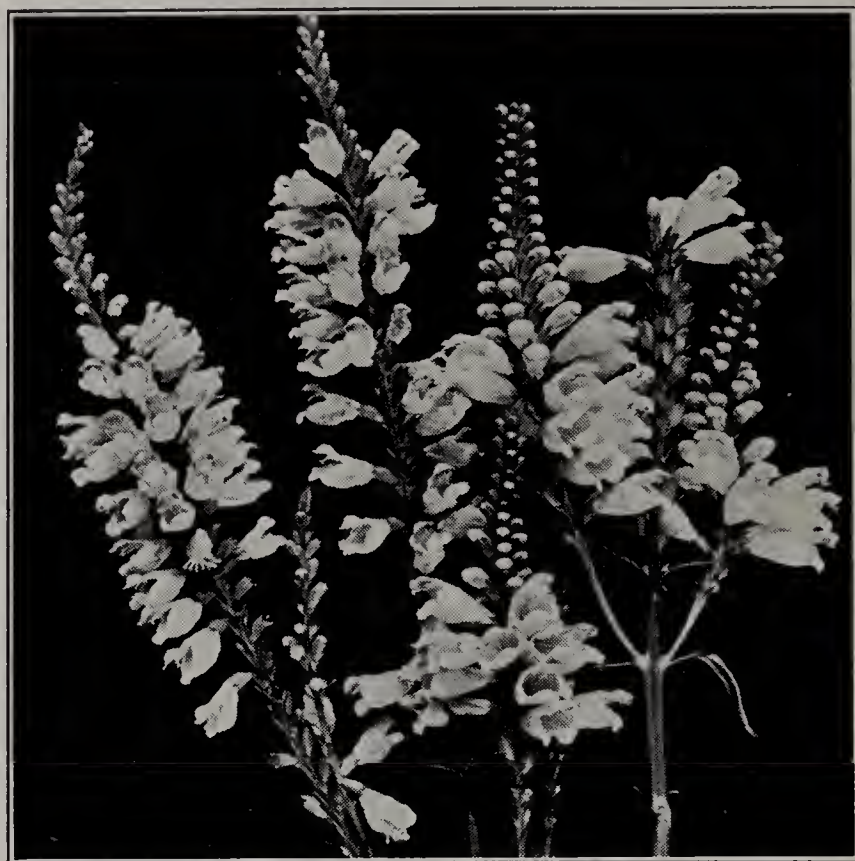
PLUMBAGO (Leadwort)***Larpentae**

A splendid border or rock plant with deep blue flowers, blooming in September and October; dwarf spreading habit. 8 to 10 inches high.

POLEMONIUM (Jacob's Ladder)**Coeruleum**

Spikes of showy blue flowers with deep green fern-like foliage, one to one and a half feet in height, blooming June and July.

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100, unless otherwise noted



Physostegia

PHYSOSTEGIA**Vivid**

The most improved form of "Physostegia" now in existence 18 to 24 inches high, with much larger flowers and a brilliant pinky-mauve in color. One of the most charming flowers for the perennial border or garden.

POLYGONUM (Knotweed)**Cuspidatum**

Noble plant attaining a height of 6 feet, producing long, drooping clusters of white flowers in the axil of each leaf.

***PRIMULA (Primrose)**

Primroses thrive best in a damp situation in semi-shade. They make a charming edge for a shady border, or in front of shrubs. There are many colors including white, pale yellow, deep yellow, bronze and deep red and crimson, but the colors blend perfectly. The bloom commences in early May and continues into June. Height 6 to 8 inches.

***Duplex (Hose-in-Hose)**

A curious old form of Primula with two corollas, one inserted in the other. This type comes about 60% true to form, and in many rich colors.

Price: 50c each, \$5.00 per dozen

***Blue-Flowered Primrose**

A charming and rare variety in shades of rich blue. Especially lovely when planted in a group with the yellow variety.

Price: 50c each, \$5.00 per dozen



Phlox Divaricata Laphami

*** Phlox Divaricata Laphami**

A perennial Phlox of pure gentian blue, growing to a height of 15 to 18 inches; unsurpassed as a border plant when planted in front of Darwin Tulips, since it flowers in May and continues flowering until early July.

No other garden flower blooming at this season shows this rare and beautiful color.

A solid bed of Phlox Laphami is one of the most attractive sights in any garden and we cannot too strongly recommend everyone to try at least a few plants of this remarkable plant.

PHLOX *SUBULATA (Moss or Mountain Pink)

An evergreen creeping plant, excellent for edging the border or in the Rock Garden. Producing masses of bloom in April and May, with moss like foliage; invaluable carpeting for the ground.

***Alba**

Pure white.

***Lilacina**

Light lilac.

***Rosea**

Rose pink.

***Vivid**

Bright cerise pink.

***Brittoni**

A dwarf compact variety with starry pale mauve flowers with a darker eye.

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100, unless otherwise noted

Novelty Introductions in Hardy Phlox

Price: \$1.00 per plant, \$10.00 per dozen



Phlox

Amedee Gasquet

One of Mr. Lemoine's fine new hybrids. The flowers of eosine rose with a purplish eye, and a pale halo are borne in large trusses. Both in habit of growth, and size of flowers, it is far superior to any of the old varieties.

DAILY SKETCH

This wonderful new Phlox is without a doubt the finest variety developed so far. The trusses of flowers are truly enormous and the individual flower a third larger than any other variety. The color is a light salmon pink with a vivid carmine eye.

Marechal French

A fine tall vigorous variety with deep red flowers with a blood-red eye. No garden can afford to be without this Phlox, as it is a distinct advance over any other red variety.

Mrs. Sam McGredy

An unusually fine Phlox, which we are sure will become very popular. The flowers are a pleasant soft mauve with a carmine eye, and the growth is strong and upright.

Standard Phlox

Price: 50c each, \$3.00 per dozen, \$20.00 per 100, except where noted

Commander

Brilliant deep crimson red with deeper red eye. Grows about 20 inches high. Produces a great many spikes of these brilliantly colored Phlox.

Enchantress

The Elizabeth Campbell shade of soft salmon pink, but having a much more vigorous growth. This is a splendid new variety which we highly recommend in place of the once popular Elizabeth Campbell.

Price: 50c each, \$5.00 per dozen

General von Heutz

Brilliant salmon scarlet with light center. A very striking variety, 3½ feet.

Leo Schlageter

Brilliant carmine with darker center; large trusses and a vigorous grower.

Louise Abbema

Very large dwarf, pure white, fine form. 18 inches.

Maid Marion

Not a new variety, but the best of the lilac Phloxes.

Mia Ruys

A very fine midseason variety rather dwarf in growth, but with huge trusses of pure white flowers.

Miss Lingard

This is known as the early flowering Phlox, since it comes into flower in May and continues to flower continuously until October, or the very heavy frosts injure it. Height about 2 feet. Color, pure white.

Mrs. Jenkins

The most popular white variety so far introduced; splendid for planting en masse; blooms early and profusely.

Mrs. Milly von Hoboken

Lovely soft pink. Large flowers on tall erect stems. A new variety that should be included in every collection.

Rheinlander

Beautiful salmon pink with claret red eye. Individual trusses of immense size.

Saladin

Glowing orange-scarlet, with blood red eye.

Sir Edward Landseer

This variety is one of the most striking we have. The deep salmon red flowers in large trusses, always attract attention.

Thor

Deep salmon pink, suffused with a scarlet glow, somewhat lighter in mass effect than General Chanzy. Has unusual gardenesque value.

The Queen

A beautiful orchid pink variety of the ever popular Phlox, "Miss Lingard," called "The Queen." It has the same early blooming habit, and the upright growth of dark glossy foliage. It is an ideal companion for white and pink Foxglove and makes a splendid showing during the months of June and early July.

Widar

Dwarf variety. Rosy-violet with a lighter center.

***POTENTILLA
Cinera**

Dwarf compact and attractive cinquefoil studded with large yellow flowers during Spring, and again in the Fall. This is the best variety of the rock garden potentillas.

Price: \$5.00 per dozen, \$35.00 per 100
PYRETHRUM

(Persian or Painted Daisy)

One of the best perennials in our list. It is perfectly hardy, will thrive in any garden soil and in any situation except in dense shade under trees. As a cut flower it is unsurpassed in daintiness and keeping qualities. Blooms in May and June, and if cut back after first bloom will give flowers throughout the Summer and early Fall. Grows about 1 1/2 to 2 feet high.

Single Mixed—from pale pink to deepest crimson.

Double Mixed—the best double varieties in shades of pink and red.

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100, unless otherwise noted



Scabiosa

**RUDBECKIA
Golden Glow**

One of the best known hardy flowers, blooming from July until September.

Purpurea

Large showy reddish purple flowers; 4 inches across. 3 feet. July to October.

**SALVIA
Farinacea**

"Blue Bedder" (New). A beautiful, deep blue sport of Salvia farinacea, more floriferous and a trifle dwarfer in growth, and much more beautiful in color, as it is a wonderful deep shade of blue. Spring delivery only.

Pitcherii

Deep blue flowers, borne on long slender spikes, 3 to 4 feet high. Blooms from August to frost. Can be pinched to produce flowers any desired height.

SANTOLINA (Lavender Cotton)***Chamaecyparissus Incana**

A shrubby evergreen Perennial with aromatic silvery-white foliage. Small yellow flowers in round heads. Useful for sunny border and rock gardens. Height 1 foot.

***SAXIFRAGA
*Decipiens**

One of the mossy saxifrages with dainty white flowers in May and June. Does best in light shade.

Price: 50c each, \$5.00 per dozen

**SCABIOSA (Pincushion Flower)
Caucasica**

Sky blue flower, about 4 inches across, with tufted center, flowering from June to September and attains a height of about 18 inches. Splendid for cutting purposes.

Blue Beauty

A new variety of very sturdy habit with very large double flowers.

Price: 50c each, \$5.00 per dozen

Japonica

Bright blue flowers, flowering from July until September and growing 2 feet high.

SAPONARIA (Soap Flower)*Ocymoides**

Border plant, growing about 6 inches high, producing masses of bright pink flowers from July to October.

SEMPERVIVUM (Hen and Chickens)*Tectorum**

A hardy succulent plant for use in wall or rock gardens. The rosettes are broad with brown tips. The flowers are bright red, growing about 1 foot high. In a well drained position, and full sun, they do beautifully.

We are offering six new forms of these delightful "hen-and-chickens." "S. Globiferum," "S. Blandum," "S. Assimile," "S. Doellianum," "S. Triste," "S. Tectorum Atrovioleaceum."

They are usually attractive in crevice work and walls, and yield a perpetual charm in any corner of the rock garden.

***SEDUM (Stonecrop)**

Price: 50c each, \$2.00 per dozen, \$15.00 per 100, except where noted

***Angelicum**

A choice variety of Sedum with delicate pink feathery flowers. Likes a sandy soil in full sun.

***Hispanicum Minus**

A delightfully compact form of S. Lydium Glaucum, like a bit of coral. It is much more permanent than others of this form because it does not fall to pieces after flowering.

Price: \$3.00 per dozen, \$20.00 per 100

***Ibericum**

The foliage is practically evergreen, and this is a most attractive addition to the group of Sedums so widely used in Rock Gardens. Flowers are pink and come into bloom in July and continue until September.

***Kamtschaticum**

Numerous yellow flowers in flat heads. Blooms late Summer. 6 inches high.

***Reflexum**

Small yellow flowers. 8 to 10 inches high.

***Spectabile**

Most popular of all the Sedums, producing large, flat heads of rose colored flowers 2 feet high. Mid-August to mid-September.

Price: 50c per plant, \$3.00 per dozen, except as noted



Stokesia

STOKESIA (The Cornflower Aster)
Cyanea Caerulea

Very large lavender blue flowers blooming from early July until late October—succeeds well in open, sunny position. A very desirable border plant growing about 1 1/2 to 2 feet high.

SIDALCEA**Rosea**

An improved variety of a very desirable Border Plant. Lovely rosy pink flowers like miniature Hollyhocks on slender stems, 2 1/2 feet high. Makes a charming combination planted with Delphinium Hybrids and Foxgloves. Begins to flower in June and continues for six weeks.



Sidalcea

SPIRAEAS (Meadowsweet)

Very showy plants, either planted in isolated clumps or intermingled with other herbaceous plants in the hardy border. They thrive well in any rich garden soil, but prefer damp positions. Very decorative with beautiful spikes of flower.

Ceres

Bright rosy lilac with light green foliage, a magnificent variety.

Kriemheilde

One of the most attractive of the late Spiraeas, salmon pink in color.

Mont Blanc

A dazzling white with bright green foliage, dwarf habit. Flowering medium early.

Queen Alexander

Another very fine variety.

Rubens

Very beautiful carmine rose and one of the best liked of the many varieties sent out.

Venus

Is a purplish rose, very tall, late growing variety.

STATICE (Sea Lavender)

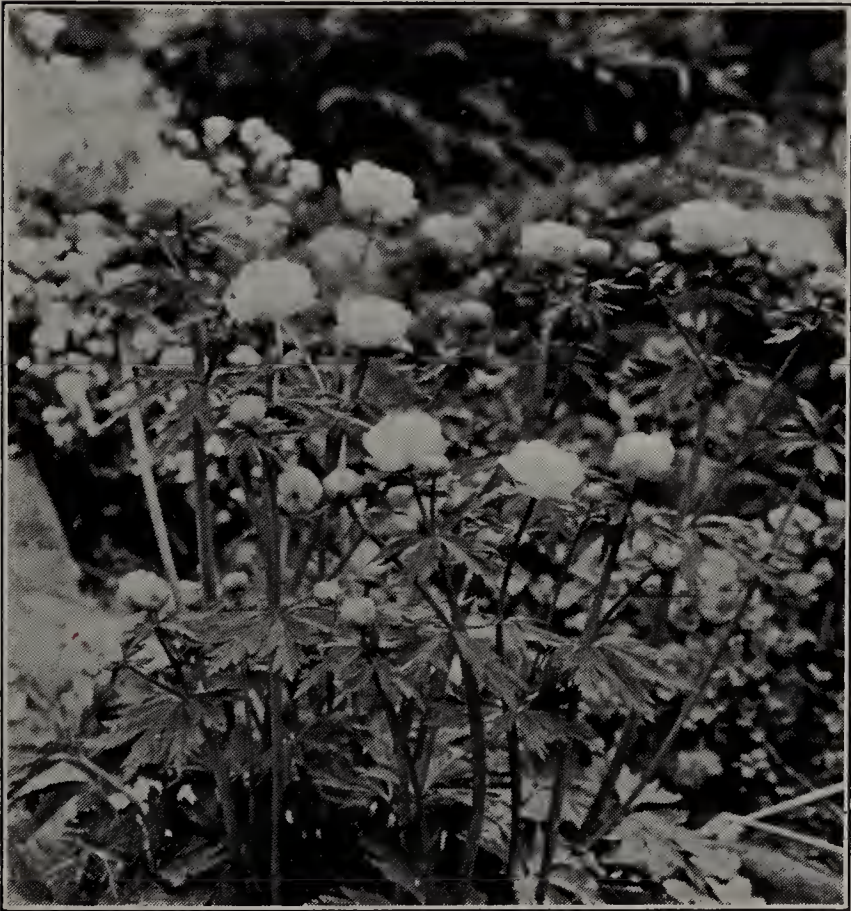
***Latifolia**

A popular border and rockery plant with very glossy leaves and small purplish blue flowers in trusses about 12 inches across, blooming profusely. Height 18 inches. Useful for Winter bouquets.

SWEET WILLIAM (Dianthus barbatus)

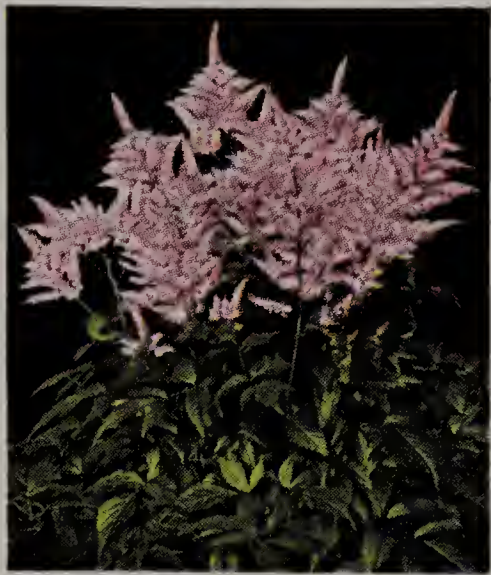
Possibly one of the best known, free flowering, hardy perennials; easily one of the most attractive flowers in the garden.

Price: \$2.00 per dozen, \$15.00 per 100



Globeflower (Trollius)

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100, unless otherwise noted



Astilbe

Pink Beauty

Beautiful Newport pink color.

Giant White

Snow white, one of the best.

Scarlet Beauty

Brilliant scarlet.

THALICTRUM (Meadow Rue)
ADIANTIFOLIUM

One of the most beautiful plants for the garden. The foliage resembles the maiden hair fern and the feathery white flowers are airy and graceful in the garden or in bouquets. Blooms June and July. Height 2 feet.

Prefers a rich loam and rather moist place.

***THYMUS (Creeping Thyme)**
***Azoricus**

A new variety, that has won its place in the hearts of all collectors. Very dwarf, barely rising a half inch above the ground, studded with a wealth of pink flowers. Delightfully pungent. Evergreen. Excellent for all purposes, and slower than the rest of the Thymes.

Price: \$5.00 per dozen

***Serpillum Coccineus**

The favorite Thyme for flagging with its myriad of brilliant crimson blooms during the mid-season. Evergreen and bronzy during the winter.

***Serpillum Album**

A white form and even more compact. Vivid green all Winter.

TROLLIUS LEDEBOURI
Golden Queen

One of the best of recent introductions receiving an award of merit from the Royal Horticultural Society in London.

A very vigorous variety with unusually large flowers of a rich golden orange color. It flowers profusely both in early Summer and in Autumn. Does best in a deep rich soil with ample moisture. Beautiful planted in bold clumps by the waterside.



Viola Apricot Queen

VIOLA***Apricot Queen**

A fascinating shade of apricot that compels the immediate attention and admiration of all who see it. The plant has a neat, compact habit of growth and blooms freely from Spring to October. The requirements for success in growing this charming Viola are to locate the plants in full sun and to shear them close to the ground twice during the season.

***Betty**

A new Viola of a lovely pale mauve shade, resembling "Maggie Mott," so popular in England. This variety however, is much better adapted to our climatic conditions.

***Cornuta Alba**

Pure white, free flowering and of neat compact habit.

***Jersey Gem**

The peerless Viola that blooms from April until snow, rich, dark violet color, with long stems and a delicious fragrance. It is perfectly hardy and will grow in any good garden soil, but must have full sun for best results.

***Jersey King**

A seedling from "Jersey Gem," and really a glorified form of the latter. The stem is longer, the flower more perfectly rounded, and the color a shade deeper. In the intensely hot weather, the past summer, "Jersey King" did not let up a single minute when every other Viola including "Jersey Gem" simply stopped.

Price: 50c each, \$5.00 per dozen

***Odorata—"Rosina"**

A small soft ripe pink Violet blooming freely in the Spring and again in the Autumn. Delightfully fragrant. While it will grow well in the full sun, it does best in partial shade.

Price: 50c per plant, \$3.00 per dozen, \$20.00 per 100, unless otherwise noted

The King's Ermine

A beautiful white hardy garden Violet coming into flower in early April, and continuing to bloom very freely for many weeks. Throat a rich purple.

VERONICA (Speedwell)**Longifolia Subsessilis**

Also known as the clump "Speedwell." This is one of the handsomest of the Veronica type. It has long spikes of a beautiful deep blue and is frequently used as a cut flower. It attains a height of about 2 feet and flowers from July to September.

Price: \$5.00 per dozen, \$35.00 per 100

***Repens**

Prostrate moss-like growth. Pale blue flowers in early Spring.

Spicata

Flowers in June and July; magnificent sprays of bright blue flowers, growing 1 1/2 to 2 feet high.

***Teucrium**

A creeping variety covered with deep blue flowers in June. Most attractive.

***VINCA MINOR (Common Periwinkle)**

One of the best evergreen ground covers making a thick trailing growth in two years. Blooms quite freely in early Spring and occasionally through the Summer.

YUCCA (Adam's Needle)**Filamentosa**

Ornamental foliage and flowering plants. Makes a splendid foil for the delightfully fragrant spikes of creamy white flowers produced during June and July. 5 to 6 feet tall.

Rock Garden Collections

1 Plant Each
of the following
24 Varieties

24 Plants
\$6.00

Makes a garden 3 ft. x 6 ft.

3 Plants Each
of the following
24 Varieties

72 Plants
\$10.00

Makes a garden 8 ft. x 8 ft.

6 Plants Each
of the following
24 Varieties

144 Plants
\$15.00

Makes a garden 10 ft. x 12 ft.

- Alyssum Saxatile Compactum
- Anchusa Myosotidiflora
- Arabis Florepleno
- Aubrieta Hendersoni
- Aubrieta Liechtlini
- Aster Alpinus
- Aquilegia Alpina
- Campanula Garganica
- Campanula Muralis
- Dianthus Annie Laurie
- Dianthus Alpinus
- Gypsophila Repens
- Linum Narbonense
- Mazus Rugosus
- Nierembergia Rivularis
- Nepeta Mussini
- Platycodon Mariesii
- Primula
- Phlox Subulata Rosea
- Phlox Divaricata Laphami
- Saponaria Ocymoides
- Sedum Anglicum
- Viola Odorata Rosina
- Viola Jersey King



Rock Garden



Dianthus alpinus

Novelty Rock Garden Shrub

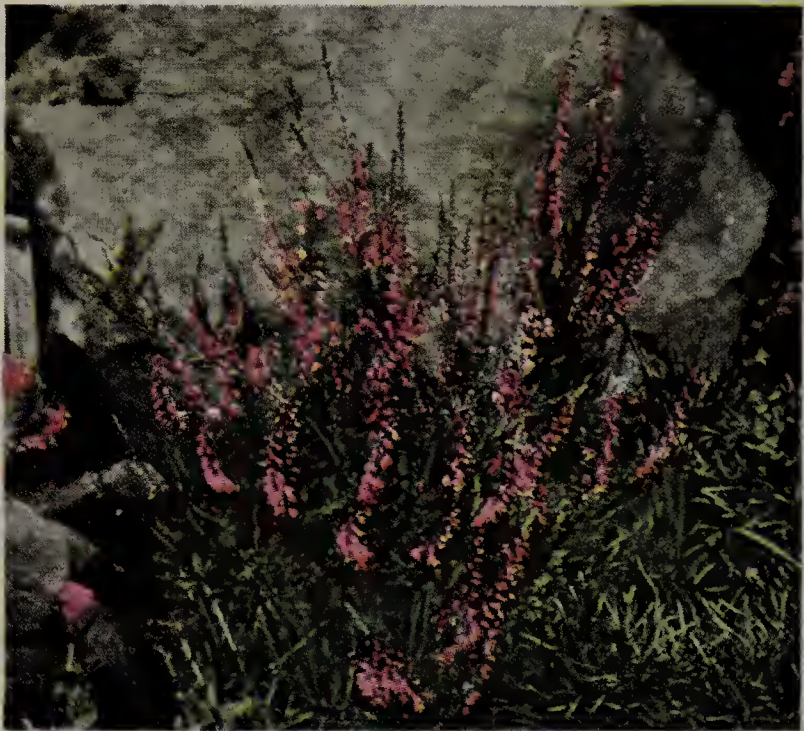
PACHISTIMA CANBEYI

A new dwarf Evergreen shrub of great merit and beauty. It resembles somewhat, the Daphne, but the leaves are smaller, and box-like. It is splendid for naturalistic plantings, in full sun or in shade of Rhododendrons or Azaleas. Best in partially acid soil. 8 to 10 inches.

Price: \$6.00 per dozen
\$40.00 per 100

Five Unique Heathers for the Rock Garden

This group of plants has been sadly neglected in most gardens. They offer a wealth of beauty with their evergreen foliage and late Summer and Winter bloom. They are hardy and easy, and adapt themselves to most garden conditions with a minimum of care. A good sandy loam with plenty of sand and peat moss, will produce a luxuriant growth of charming beauty.



CALLUNA NANA COMPACTA

A handsome dwarf shrublet 6 inches high with a profusion of small pink bells during July and August. Unaccountably compact.

Price: \$6.00 per dozen, \$40.00 per 100

ERICA VULGARIS PROSPER

A valuable addition to the "E. Vulgaris" types. Strong and vigorous with feathery wands of deep green studded with pink bells during July, August and September. 12-18 inches.

Price: \$6.00 per dozen, \$40.00 per 100

ERICA VULGARIS ALBA

A white form of the above, but a little more dwarf and compact. July and August.

Price: \$6.00 per dozen, \$40.00 per 100

ERICA MEDITERANEANA HYBRIDA

This little evergreen heather had a delightful habit of starting its blooms in November and often continuing clear through until May. The bells are deep pink. It is a real acquisition and should be planted in bold masses for striking effects.

Price: \$6.00 per dozen, \$40.00 per 100

MENZIESI POLIFOLIA

This little Irish bell heather is like a wind blown conifer, eccentric dark green branchlets, and very compact. 8 inches high. Large pendant bells; deep pink, makes this plant a burst of glory during July, August and September.

Price: \$6.00 per dozen, \$40.00 per 100

Hardy Vines

We have had so much call for Hardy Vines that we have decided to carry the following choice kinds best suited for covering houses, fences and garden walls.

HYDRANGEA PETIOLARIS

(The Climbing Hydrangea)

A charming refined member of the Hydrangea family, and no vine introduced to date has the same beauty of foliage or lacy abundance of fragrant flowers as has this Climbing Hydrangea.

Its stem is woody and picturesque in Winter, clinging tightly to stone and brick-work by innumerable aerial roots, hugging a wall like ivy and requiring no tying or trellis. Its large, glossy foliage is superbly green and seemingly impervious to insect or fungus attacks.

During the month of June a lacy mantle over-spreads the whole plant and exhales a dainty fragrance that pervades the whole garden.

Price:

9 to 12 in. 75c each, \$7.50 per doz.

12 to 18 in. \$1.00 each, \$10.00 per doz.

AMPELOPSIS VEITCHI

(Boston or Japanese Ivy)

Useful in city and suburbs; its glossy foliage withstands dust and smoke well. Clings to bricks, walls, fences, or rocks. Once established forms a dense, rapid growth. Foliage turns to brilliant, scarlet crimson and orange in the Fall.

Price: 3-year-old 75c each

2-year-old 50c each

CLEMATIS MONTANA UNDULATA

The Anemone Flowered Clematis

This gem among Clematis plants is a strong vigorous grower, perfectly hardy, and disease proof.

The Anemone or Windflower-like blooms are white flushed mauve pink, and are from 1½ to 2 inches in diameter, and begin to creep as early as the last week in April, just about the time when Wisterias have finished, continuing in bloom well through May, and are very prolific.

Price:

1-year-old field grown plants 50c each

\$5.00 per dozen

2-year-old field grown plants 75c each

\$7.50 per dozen

CLEMATIS PANICULATA

(Japanese Virgins-bower)

A very satisfactory flowering vine. Perfectly hardy, of strong, rapid growth, attractive, glossy foliage producing a profusion of white, fragrant flowers in August and September. Also useful as a trailer on rocky slopes and banks.

Price: 50c each, \$5.00 per dozen

CLEMATIS JACKMANII

Large flowering purple; two year old plants.

Price: 75c each, \$7.50 per dozen



Clematis Jackmanii

MME. EDWARD ANDRE

One of the best of the large flowered Clematis. It is hardy and makes a fine growth. The flowers are deep wine red of large size, and borne in great profusion. Pot plants only. Delivery April 15th. 4-inch plants.

Price: 75c each, \$7.50 per dozen

CLEMATIS VEITCHIANA (Honeybells)

One of the late Dr. Wilson's introductions from western China. A graceful climber with attractive dark green foliage, attaining a height of 6 to 7 feet and producing freely dainty, creamy white, fragrant, honey scented, dropping, bell-shaped flowers in pyramidal panicles during September and October.

3-inch stock 50c each, \$5.00 per dozen

Field plants \$10.00 per dozen

EUONYMUS

(Broadleaved Evergreen, Bittersweet)

Radicans Vegetus

Very attractive climbing evergreen with aerial rootlets, which makes it self supporting on a stone wall or base of house. Also attractive as a ground cover. In the Fall this produces an abundance of orange scarlet berries which remain on the plant the greater part of the Winter. As an absolutely hardy evergreen wall covering, this plant is unequalled.

Price: 50c each, \$5.00 per dozen

LONICERA

(Hall's Evergreen Honeysuckle)
Halliana

One of the best vines for all purposes, blooms from early Summer to frost. Flowers yellow and white with a delightful fragrance. Very vigorous grower. Splendid covering for banks and slopes.

Price: 50c each, \$3.50 per dozen

**LONICERA SEMPERVIRENS
MAGNIFICA (2-year-old plants)
NEW EVERBLOOMING
BRILLIANT HONEYSUCKLE**

A brilliantly colored new variety with rich orange scarlet flowers that develop continuously from early in June until late in October, every branch bearing a terminal truss composed of from 15 to 20 long tubular flowers richly colored. Foliage dark green with glaucous reverse.

Cut blooms of this novelty attracted much favorable attention in our display at the Atlantic City Flower and Garden Pageant, September, 1932. 3 inch plants.

**Price: 50c each, \$5.00 per dozen,
\$35.00 per hundred
1 year old stock
\$1.00 each, \$10.00 per dozen**



Hall's Japan Honeysuckle

Flowering and Ornamental Shrubs

A few well chosen shrubs add year-round interest and beauty to the herbaceous borders and the Rock Garden. The group we list below are especially selected for these purposes.



Buddleia Magnifica Gigantia

BUDDLEIA MAGNIFICA GIGANTIA

This is a truly regal Buddleia making stems five to six feet long, with an inflorescence of two feet or more. There is an enormous difference of this variety in comparison with the ordinary type. We

consider this Buddleia one of the finest novelties ever distributed for the Hardy Garden.

Price: \$1.00 each, \$10.00 per dozen

BUDDLEIA ILE DE FRANCE

This new variety of Buddleia, a French introduction, will quickly replace the older varieties of this Shrub, which have been popular for so many years, it being superior, not only in its brilliant coloring, longer, more graceful spikes of bloom but also in its more uniform habit of growth.

The plant attains a height of from 3 to 4 feet, forming a symmetrical, bushy Shrub, every growth of which is terminated by a graceful, Cylindrical, 6 to 9 inch long spike of fragrant flowers of a brilliant, rosy, violet-purple color. In bloom from the latter part of July to late in September. 3 inch pots.

**Price: 50c each, \$5.00 per dozen,
\$35.00 per 100**

BEAUTYBUSH (Kolkwitzia amabilis)

An exceedingly handsome ornamental shrub. The foliage and habit are attractive when the bush is out of flower and it is perfectly hardy as far north as Montreal.

It grows 6 to 9 feet high when mature and as much through, erect and twiggy, producing long, arching branches covered in Spring with clusters of small, tubular flowers of the Honeysuckle type, borne in such profusion that the bush is one cloud of delicate pink.



Korean Spirea

KOREAN SPIREA (*Spirea trichocarpa*)

This handsome, new shrub is a splendid, healthy plant growing when mature, 4 to 6 feet tall and even greater in diameter, forming a big, dome shaped bush, covered in its season with large, rounded clusters of snowy flowers marked with darker eyes.

It is hardy as far north as Montreal.

Price on 2 above varieties:

3-4 feet 75c each, \$7.50 per dozen

18-24 inches 50c each, \$5.00 per dozen

HARDY BOXWOOD (*Buxus sempervirens*)

Unusually fine Boxwood matched specimens suitable for steps or entrance.

Price: \$8.00 each, \$15.00 for two

1 1/2 to 2 ft. \$6.00 each, \$50.00 per dozen

Buxus Suffruticosa

(Old English, or Dwarf Boxwood)

The plant supreme for edging gardens, walks, or any other formal treatment.

5 to 6 inches \$35.00 per 100

6 to 8 inches \$60.00 per 100

PHILADELPHUS, BOUQUET BLANC

One of the handsomest of shrubs, which must be seen to be appreciated. Makes a fine specimen for the lawn, and for hedges it is beyond words; the variety is a vigorous grower and throws gracefully arching stems closely set with bouquets of individual white flowers; these sprays look like large ostrich plumes of soft, snowy white. Height 3 feet. Never Winterkills.

Price: 75c each, \$7.50 per dozen

RED BARBERRY

It is similar in all respects to the green Barberry, but the foliage is rich bronzy red, similar to the red leaf Japanese Maple. Must be grown in the full sun.

This variety becomes more brilliant and gorgeous throughout the Summer, and after all the leaves have disappeared in the Winter, it is covered with brilliant scarlet berries, which remain on the plant the entire Winter. Three-year-old plants, three feet high, twenty-four inches across.

2 year old plants 50c each
\$3.00 per dozen

3 year old plants 50c each
\$5.00 per dozen

VITEX (Chaste Tree) **Agnus Castus**

Gray green star-shaped foliage, producing beautiful rich blue flowers from July to September. Will grow as high as 10 feet if desired, and making a most attractive hedge it can be kept down to whatever height the grower desires by pinching. Plants 18 inches to 2 feet.

Price: Plants 18-21 in., 75c each
\$7.50 per dozen



Vitex

Twenty Dependable Shrubs

The following are not all new types, but they should be much better known, and no place is so small, that room cannot be found for at least one or two of them, and we recommend, that they will give a good showing, and a great deal of pleasure for many years.

ABELIA GRANDIFLORA

A choice evergreen, attaining a height of 3 to 4 feet, with lilac-pink flowers produced throughout the entire summer months.

**Price: 2-3 ft. B. & B. \$1.25 each
\$10.00 for ten**

Prices on other sizes on application.

BERBERIS TRIACANTHOPHORA (Holly Barberry)

A large thorned Barberry, that colors beautifully in the winter months. This particular variety is a rapid grower of dense habit, and small lightly spined leaves. Under favorable conditions, it attains a height of about 6 feet.

**Price: 15-18 in. B. & B. \$2.00 each
per plant; \$17.00 for ten**

Prices on other sizes on application.

CLERODENDRON TRICHOTOMUM (Harlequin Glorybower)

A very handsome shrub with white flowers, and reddish-brown calyx. Bears bright blue fruit. Height 5-8 feet.

**Price: 4-5 ft. B. & B. \$3.50 each
\$30.00 for ten**

Prices on other sizes on application.

CORNUS FLORIDA RUBRA (Redflowering Dogwood)

A May flowering tree, useful to plant among other shrubs, or as a single specimen, and will attain a height of 15 to 20 feet under favorable conditions.

**Price: 4-5 ft. B. & B. \$4.00 each
\$40.00 for ten**

Prices on other sizes on application.

CORNUS MAS (Cornelian-Cherry)

A handsome large shrub with small yellow flowers in April and shining scarlet fruit in the fall, growing 16 to 18 feet high.

**Price: 2-3 ft. B. & B. \$1.25 each
\$8.00 for ten**

Prices on other sizes on application.

COTONEASTER HORIZONTALIS (Rock Cotoneaster)

An evergreen with small box-like leaves and bright red berries, effective among rocks. Attains a height of 1 to 1 1/2 feet.

**Price: 9-12 in. B. & B. \$1.50 each
\$12.00 for ten**

Prices on other sizes on application.



Flowering Dogwood

ELAEAGNUS LONGIPES (Cherry Elaeagnus)

Silvery leaves, fragrant yellow flowers in May with large red berries ripe in July, and attains a height of 6 to 8 feet.

**Price: 3-4 ft. B. & B. \$1.00 each
\$9.00 for ten**

Prices on other sizes on application.

ELSHOLTZIA STAUNTONI

A very attractive little Summer shrub with dense lilac purple flowers, very showy, attaining a height of 4 to 5 feet. For best results, we suggest a sunny position.

**Price: 2-2 1/2 ft. B. & B. \$1.00 each
\$9.00 for ten**

Prices on other sizes on application.

FORSYTHIA INTERMEDIA SPECTABILIS (Showy Border Forsythia)

These are among the showiest of the spring flowering shrubs. They are not particular, as to soil and attain a height of 6 to 8 feet. This variety is the most profuse flowering of all with large rich golden yellow flowers.

**Price: 3-4 ft. B. & B. 50c each
\$4.50 for ten**

Prices on other sizes on application.

LESPEDEZA BICOLOR (Shrub Bushclover)

Rose and white flowers in July and August. A slender graceful shrub, attractive clover-like foliage. Height 5-6 feet.

**Price: 4-5 ft. B. & B. 75c each
\$6.00 for ten**

Prices on other sizes on application.

LILACS

We have a very fine list of Lilacs, all grafted or budded very low. We will be glad to furnish the list of varieties, both Single and Double, we can supply on receipt of your inquiry.

**Price: 1 1/2-3 ft. 3 branches \$1.00 each
4-5 ft. 8 branches \$3.00 each**

LIGUSTRUM IBOLIUM (Ibodium Privet)

An upright, vigorous grower, similar to California Privet, but much hardier, growing 8 to 10 feet.

**Price: 2-3 ft. B. & B. 35c each
\$3.00 for ten**

MAGNOLIA SOULANGEANA (Saucer Magnolia)

Produces large pink flowers in May. It is best transplanted in the early Spring and grows 15 to 18 feet high.

**Price: 2-3 ft. B. & B. \$4.50 each
\$40.00 for ten**

PHILADELPHUS VIRGINALIS (Virginal Mockorange)

Beautiful, semi-double flowers produced intermittently all summer, growing 7 to 8 feet.

**Price: 3-4 ft. B. & B. 60c each
\$5.00 for ten**

PRUNUS GLANDULOSA (Flowering Almond)

Flowers double in May, very showy. Flowers white and pink, and attains a height of 5-6 feet.

Price: 2-3 ft. 80c each, \$7.00 for ten

PRUNUS TOMENTOSA (Nanking Cherry)

Fruits are light red, and the flowers white, before leaves appear. A very unusual and showy shrub, attaining a height of 6 to 7 feet.

Price: 4-5 ft. \$1.00 each, \$9.00 for ten

SPIREA ARGUTA (Garland Spirea)

Small light green leaves. Very free flowering with quantities of white flowers blooming in May. Much more vigorous grower than "Thunbergi," and grows 5 to 6 feet.

Price: 2-3 ft. 50c each, \$4.00 for ten



Lilacs

VIBURNUMS are among the most popular Ornamental Shrubs, with their Autumn colors, and they make good bird refuges, because of their Autumn and Winter fruit.

VIBURNUM CARLESI (Fragrant Viburnum)

The fragrant Viburnum, one of the most desirable semi-dwarf, flowering shrubs, flower clusters of white shaded with pink. Very nice green foliage, and attains a height of 4 feet.

**Price: 15-18 inches \$1.50 each
\$10.00 for ten**

VIBURNUM RHYTIDOPHYLLUM (Leatherleaf)

An evergreen with large oblong leaves of deep green above, gray beneath; a bold handsome shrub growing 6 to 8 feet high.

**Price: 2 1/2-3 ft. \$3.00 each
\$25.00 for ten**

VIBURNUM TOMENTOSUM (Doublefile Viburnum)

Flat heads of white flowers, berries red to black, splendid foliage and a marvelous sight when flowering in early June, growing 7 to 8 feet high.

Price: 3-4 ft. 80c each, \$7.50 for ten

NOTE

WE CAN FURNISH YOU THE ABOVE SHRUBS IN ALL SIZES
WRITE US FOR QUOTATIONS ON LARGER OR SMALLER PLANTS

INDEX

ROSES		Page			Page	
Baby Rambler, Dwarf			Hardy Varieties, Collec-		Buddleia43 and 66	
Polyantha	38		tion	19-20	Burning Bush45	
Hardy Garden Varieties. .	32-38		Novelty Chrysanthemums		Campanula43	
Hybrid Teas	32-36		of 1933	1	Candytuft49	
Novelty Climbing Rose. . . .	37		Novelty Chrysanthemums		Canterbury Bells43	
Novelty Garden Roses for			of 1932	2	Centaurea43	
1933	32-35		Novelty Spidery Types . . .	10	Cerastium43	
Roses for Outdoor Plant-			Novelty Anemones	7-8	Chelone44	
ing	32-38		Pompons	17-18	Chrysanthemums44	
Standard Forcing Varie-			Pot Plant Varieties	11	Cimicifuga43	
ties	25-26		Single Novelties for 1933. .	14	Columbine40-41	
Novelty Forcing Varieties	22-23		Single Standard Varieties	15-16	Convallaria44	
Standard Varieties Climb-			Spidery Varieties, Stand-		Coral Bell49	
ing Roses	37		ards	10	Cornflower Aster60	
Tree Roses	38		Standard Anemone Varie-		Coreopsis44	
			ties	7-9	Creeping Thyme61	
DAHLIAS			Standard Commercial		Daisy, Painted59	
Large Flowering Dahlias . .	27		Varieties	5-6	Daisy, Persian59	
Mignon Dahlias	27		Standard Exhibition		Daphne44	
Orchid Flowering Dahlias. .	26		Varieties	3-4	Day Lily49	
CARNATIONS			Standard Varieties Early		Dalmatian Bell Flower	43
Standard Varieties for			Flowering	12-13	Delphiniums46-47	
Forcing	21		Standard Varieties, Hardy		Dianthus44-45-61	
Hardy Garden Varieties. .	30-31		Pompons	17-18	Dictamnus45	
TENDER BEDDING AND			Standard Varieties,		Dielytra45	
GREENHOUSE PLANTS			Singles	15-16	Digitalis45	
Ageratum	28		Threadlike Varieties	10	Doronicum45	
Amaryllis	28		Varieties for Pot Plants		Erigeron48	
Buddleia	28		and Decorative	11	Eupatorium48	
Ferns	28		HARDY PERENNIALS		False Camomile43	
Gerbera	28		Achillea	39	False Indigo43	
Heliotrope	28		Aconitum	39	Flax54	
Heliotrope Trees	29		Adam's Needle	62	Fleabane48	
Lantanas	29		Alkanet	39	Forget-me-not55	
Lemon Verbena	29		Alpine Poppy	56	Foxglove45	
Verbena Mayflower	29		Alyssum	39	Funkia48	
Tree Heliotrope	29		Anchusa	39	Gaillardia48	
CHRYSANTHEMUMS			Anemone	39-40	Garland Flower44	
Anemone Standard Varie-			Anthemis	40	Gas Plant45	
ties	7-9		Aquilegia	40-41	Gay Feather54	
Commercial Varieties			Arabis	40	Geum48	
Standard	5-6		Arenaria	40	Ground Ivy55	
Decorative Varieties	11		Armeria	40	Gypsophila48	
Early Flowering Standard			Artemesia	40	Hardy Ageratum48	
Varieties	12-13		Aster, Cornflower	60	Hardy Carnations44	
Exhibition Varieties			Aster, Hardy	42	Hardy Candytuft49	
Standard	3-4		Astilbe	40	Hardy Marguerite40	
Feathery Varieties	10		Aubrieta	40	Helen Flower48	
Hardy Chrysanthemums,			Avens	48	Helenium48	
Singles, Early Flower-			Baptisia	43	Helianthemum48	
ing, and Pompons	19		Beauty Bush	66	Heliopsis48	
Hardy Pompons, Standard			Bell Flower	43	Hemerocallis49	
Varieties	17-18		Bergamot	54	Hen and Chickens60	
			Blanket Flower	48	Hesperis49	
			Blazing Star	54	Heuchera49	
			Bleeding Heart	45	Hollyhocks49	
			Boltonia	43	Hypericum49	
			Bristol Fairy	48	Iberis49	

INDEX—Continued

HARDY PERENNIALS—Con't.

	Page
Iris, Bearded, Standard	
Sorts	50-51
Iris, Dwarf	52
Iris, Japanese	52
Ivy, Ground	55
Jacob's Ladder	56
Japanese Bell Flower	56
Japanese Spurge	55
Japanese Windflower	39
Knapweed	43
Knotweed	56
Lamp Flower	54
Lavender Cotton	59
Leadwort	56
Leopardbane	45
Liatris	54
Lilies	53-54
Lily-of-the-Valley	44
Linum	54
Loosestrife	54
Lychnis	54
Lythrum	54
Madonna Lily	53
Mazus	54
Meadowsweet	61
Meadowrue	61
Meconopsis Cambrica	54
Mertensia	54
Michaelmas Daisy	42
Monarda	54-55
Monkshood	39
Muralis	55
Myosotis	55
Nepeta	55
Nierembergia	55
Orange Sunflower	48
Oriental Poppy	55
Painted Daisy	59
Persian Daisy	59
Pachysandra	55
Papaver	55-56
Penstemon	56
Periwinkle	62
Phlox Novelties	58
Phlox Standard	57-59
Perpeutal Pink	45
Physostegia	56
Pincushion Flower	59-60
Plantain Lily	48
Platycodon	56
Plumbago	56
Polemonium	56

	Page
Polygonum	56
Potentilla	59
Poppy	55-56
Portenschlaiana	43
Primrose	56
Primula	56
Pyrethrum	59
Rock Garden Collection	63
Rockcress	40
Rock Madwort	39
Rock Rose	48
Rudbeckia	59
Salvia	59
Sandwort	40
Santolina	59
Saponaria	60
Saxifraga	59
Scabiosa	59-60
Sea Lavender	61
Sedum	60
Sempervivum	60
Shasta Daisy	44
Shell Flower	44
Sidalcea	60
Soap Flower	60
Speedwell	62
Spirea	61
Statice	61
Stokesia	60
Stone Crop	60
Sweet Rocket	49
Sweet William	61
Thalictrum	61
Thymus	61
Tickseed	44
Trollius	61
Veronica	62
Vinca Minor	62
Violas	62
Violet, Perennial	62
Virginia Bluebells	54
Wallcress	40
Welsh Poppy	54
Windflower	39
Yucca	62

EVERGREENS AND
FLOWERING SHRUBS

Abelia Grandiflora	68
Barberry	67
Beauty Bush	66
Boxwood, Hardy	67
Buddleia	66

	Page
Berberis, Triacanthophora	68
Border Forsythia	68
Bush Clover Shrub	69
Buxus	67
Clerodendrum Trichotomum	68
Cornus Florida Rubra	68
Cornus Mas	68
Cornelian Cherry	68
Cherry Elaeagnus	68
Cotoneaster Horizontalis	68
Double File Viburnum	69
Elscholtzia Stauntoni	68
Elaeagnus Longpipes	68
Flowering Almond	69
Forsythia Intermedia	
Spectabilis	68
Fragrant Viburnum	69
Garland Spirea	69
Hardy Boxwood	67
Heather	64
Holly Barberry	68
Harlequin Glorybower	68
Ibodium Privet	69
Korean Spirea	67
Kolkwitzia	66
Leatherleaf	69
Lespedeza Bicolor	69
Lilacs	69
Ligustrum Ibodium	69
Magnolia Soulangeana	69
Nanking Cherry	69
Pachistmia Cambeyi	63
Philadelphus	67-69
Prunus Glandulosa	69
Prunus Tomentosum	69
Red Flowering Dogwood	68
Rock Cotoneaster	68
Rock Garden Shrub	63
Saucer Magnolia	69
Spirea Arguta	69
Virginal Mockorange	69
Viburnum	69
Vitex	67

HARDY VINES

Ampelopsis	65
Bitter Sweet	65
Clematis	65
Euonymus	65
Honeysuckle	66
Hydrangea Petiolaris	65
Ivy	65
Lonicera	66

Terms of Sale

This Price List Cancels all Previous Quotations

DELIVERY will be made on all orders at the proper time for planting, providing no specific date is mentioned when ordering.

Remittances should be made by check, post office order, or express order. When it is not convenient to remit in this way the letter should be registered. We will not be responsible for the receipt of money not registered. On all shipments by parcel post the postage will be charged for.

Be sure that both postal and express address is mentioned, as frequently shipments requested to be sent by parcel post must be shipped by express, on account of overweight when ready for delivery.

Orders for less than \$5.00 must be paid for in advance, and when cash accompanies order, a discount of 3% is allowed from the total amount of the order.

Accounts unpaid within 30 days are subject to sight draft without further notice and interest will be charged after that time.

Orders from customers in foreign countries must in all cases be accompanied by cash.

While we exercise every care in packing, and have confidence in the safe arrival of shipments, all goods are forwarded at the purchaser's risk.

If found unsatisfactory on arrival they must be returned to us immediately. Complaints on goods will not be accepted later than 30 days after their arrival, and no adjustment will be made after that time, as we cannot be responsible for bad weather conditions, or carelessness in culture.

If the customer does not wish to accept the shipment under these conditions, we ask that the plants be returned us immediately.

Please Note: It is not unusual for us to receive orders without any signature or identification mark attached, so customers who do not get a response to their correspondence or orders within a reasonable time, please write again, enclosing copy of letter or order, so we may be able to trace same quickly.

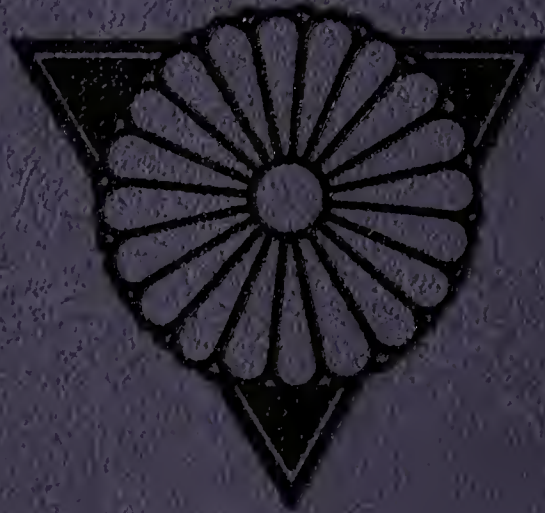
Not less than three plants of one variety will be sold at the dozen rate, nor less than twenty-five at the hundred rate. We are sometimes asked to send one hundred plants in about thirty varieties at the hundred price. We will not send less than twenty-five of one variety at the hundred rate, as it takes considerable time to select one hundred plants in twenty or thirty varieties, and we must charge for the same accordingly.

MADISON

Lottys

NEW JERSEY

Charles H. Totty Company



MADISON
NEW JERSEY